

**STATE OF MICHIGAN
 DEPARTMENT OF MANAGEMENT AND BUDGET
 PURCHASING OPERATIONS
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933**

February 12, 2009

**CHANGE NOTICE NO. 5
 TO
 CONTRACT NO. 071B3001386
 between
 THE STATE OF MICHIGAN
 and**

NAME & ADDRESS OF VENDOR Systems Technology Group, Inc. 3155 West Big Beaver Road, Suite 220 Troy, MI 48084 bmurphy@stgit.com	TELEPHONE Brandon Murphy (248) 643-9010 Ext. 120
	VENDOR NUMBER/MAIL CODE
	BUYER/CA (517) 373-3993 Dale Reif
Contract Compliance Inspector Prequalified IT Project Development Services – Department of Information Technology	
CONTRACT PERIOD: From: August 1, 2003 To: June 1, 2009	
TERMS Net 45 Days	SHIPMENT N/A
F.O.B. Destination	SHIPPED FROM N/A
MINIMUM DELIVERY REQUIREMENTS N/A	

NATURE OF CHANGE (S):

Effective immediately, this Contract is available to MiDEAL members. MiDEAL extends this Contract to municipalities, colleges and universities, school districts, and non-profit hospitals.

The Contractor's hourly rates for any projects resulting from the receipt of federal stimulus dollars under the American Recovery and Reinvestment Act of 2009 must not exceed the project management hourly rates for the MiJump Start program.

All other terms, conditions, and pricing remain unchanged.

AUTHORITY/REASON:

Per request of DMB/Purchasing Operations and approval by Anup Popat, Systems Technology Group, Inc. via email dated 2/4/09.

CURRENT AUTHORIZED SPEND LIMIT REMAINS: \$5,000,000.00

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
PURCHASING OPERATIONS
P.O. BOX 30026, LANSING, MI 48909
OR
530 W. ALLEGAN, LANSING, MI 48933

December 16, 2008

CHANGE NOTICE NO. 4
TO
CONTRACT NO. 071B3001386
between
THE STATE OF MICHIGAN
and

NAME & ADDRESS OF VENDOR Systems Technology Group, Inc. 3155 West Big Beaver Road, Suite 220 Troy, MI 48084 Apopat@stgit.com	TELEPHONE Anup Popat (248) 643-9010 Ext. 102
	VENDOR NUMBER/MAIL CODE
	BUYER/CA (517) 373-3993 Dale Reif
Contract Compliance Inspector Prequalified IT Project Development Services – Department of Information Technology	
CONTRACT PERIOD: From: August 1, 2003 To: June 1, 2009	
TERMS Net 45 Days	SHIPMENT N/A
F.O.B. Destination	SHIPPED FROM N/A
MINIMUM DELIVERY REQUIREMENTS N/A	

NATURE OF CHANGE (S):

Effective immediately, this contract is hereby EXTENDED to June 1, 2009. All other terms and conditions remain the same.

AUTHORITY/REASON:

Vendor agreement and approved by Ad Board on 12/2/2008.

TOTAL ESTIMATED CONTRACT VALUE REMAINS: \$5,000,000.00

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
PURCHASING OPERATIONS
P.O. BOX 30026, LANSING, MI 48909
OR
530 W. ALLEGAN, LANSING, MI 48933

November 19, 2008

CHANGE NOTICE NO. 3
TO
CONTRACT NO. 071B3001386
between
THE STATE OF MICHIGAN
and

NAME & ADDRESS OF VENDOR Systems Technology Group, Inc. 3155 West Big Beaver Road, Suite 220 Troy, MI 48084 Apopat@stgit.com	TELEPHONE Anup Popat (248) 643-9010 Ext. 102
	VENDOR NUMBER/MAIL CODE
	BUYER/CA (517) 373-3993 Dale Reif
Contract Compliance Inspector Prequalified IT Project Development Services – Department of Information Technology	
CONTRACT PERIOD: From: August 1, 2003 To: March 1, 2009	
TERMS Net 45 Days	SHIPMENT N/A
F.O.B. Destination	SHIPPED FROM N/A
MINIMUM DELIVERY REQUIREMENTS N/A	

NATURE OF CHANGE (S):

Effective immediately, this contract is hereby EXTENDED to March 1, 2009. All other terms and conditions remain the same.

AUTHORITY/REASON:

Vendor agreement dated 11/5/2008 and approved by DMB Purchasing Operations and Ad Board on 11/5/2008.

TOTAL ESTIMATED CONTRACT VALUE REMAINS: \$5,000,000.00

**STATE OF MICHIGAN
 DEPARTMENT OF MANAGEMENT AND BUDGET
 PURCHASING OPERATIONS
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933**

August 14, 2007

**CHANGE NOTICE NO. 2
 TO
 CONTRACT NO. 071B3001386
 between
 THE STATE OF MICHIGAN
 and**

NAME & ADDRESS OF VENDOR Systems Technology Group, Inc. 3155 West Big Beaver Road, Suite 220 Troy, MI 48084 Apopat@stgit.com	TELEPHONE Anup Popat (248) 643-9010 Ext. 102
	VENDOR NUMBER/MAIL CODE
	BUYER/CA (517) 373-3393 Dale Reif
Contract Compliance Inspector Prequalified IT Project Development Services – Department of Information Technology	
CONTRACT PERIOD: From: September 1, 2003 To: September 1, 2008	
TERMS Net 45 Days	SHIPMENT N/A
F.O.B. Destination	SHIPPED FROM N/A
MINIMUM DELIVERY REQUIREMENTS	
N/A	

NATURE OF CHANGE (S):

Effective September 1, 2007, the remaining option on this contract is hereby exercised to EXTEND the contract period to September 1, 2008. All other terms and conditions remain the same.

AUTHORITY/REASON:

Agency requested and vendor agreement dated 7/24/2007 and approved by DMB Purchasing Operations.

TOTAL ESTIMATED CONTRACT VALUE REMAINS: \$5,000,000.00

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
ACQUISITION SERVICES
P.O. BOX 30026, LANSING, MI 48909
OR
530 W. ALLEGAN, LANSING, MI 48933

August 1, 2005

CHANGE NOTICE NO. 1
TO
CONTRACT NO. 071B3001386
between
THE STATE OF MICHIGAN
and

NAME & ADDRESS OF VENDOR Systems Technology Group, Inc. 3155 West Big Beaver Road, Suite 220 Troy, MI 48084 Apopat@stgit.com	TELEPHONE Anup Popat (248) 643-9010 Ext. 102
	VENDOR NUMBER/MAIL CODE
	BUYER/CA (517) 373-3393 Dale Reif
Contract Compliance Inspector Prequalified IT Project Development Services – Department of Information Technology	
CONTRACT PERIOD: From: September 1, 2003 To: September 1, 2007	
TERMS Net 45 Days	SHIPMENT N/A
F.O.B. Destination	SHIPPED FROM N/A
MINIMUM DELIVERY REQUIREMENTS N/A	

NATURE OF CHANGE (S):

Effective immediately, this contract is hereby EXTENDED through September 1, 2007. All other terms and conditions remain the same.

PLEASE NOTE: The buyer has been CHANGED to Dale Reif.

AUTHORITY/REASON:

Per DMB/Acquisition Services.

TOTAL ESTIMATED CONTRACT VALUE REMAINS: \$5,000,000.00

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET September 9, 2003
ACQUISITION SERVICES
P.O. BOX 30026, LANSING, MI 48909
 OR
530 W. ALLEGAN, LANSING, MI 48933

NOTICE
TO
CONTRACT NO. 071B3001386
between
THE STATE OF MICHIGAN
and

NAME & ADDRESS OF VENDOR Systems Technology Group, Inc. 3155 West Big Beaver Road, Suite 220 Troy, MI 48084	TELEPHONE Anup Popat (248) 643-9010 Ext. 102
	VENDOR NUMBER/MAIL CODE
	BUYER (517) 241-1646 Greg Faremouth
Contract Administrator: Norm Buckwalter Prequalified IT Project Development Services – Department of Information Technology	
CONTRACT PERIOD: From: September 1, 2003 To: September 1, 2005	
TERMS <p style="text-align: center;">Net 45 Days</p>	SHIPMENT <p style="text-align: center;">N/A</p>
F.O.B. <p style="text-align: center;">Destination</p>	SHIPPED FROM <p style="text-align: center;">N/A</p>
MINIMUM DELIVERY REQUIREMENTS <p style="text-align: center;">N/A</p>	

The terms and conditions of this Contract are those attached to this Contract.

Estimated Contract Value: \$5,000,000.00

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
ACQUISITION SERVICES
P.O. BOX 30026, LANSING, MI 48909
 OR
530 W. ALLEGAN, LANSING, MI 48933

CONTRACT NO. 071B3001386
between
THE STATE OF MICHIGAN
and

NAME & ADDRESS OF VENDOR Systems Technology Group, Inc. 3155 West Big Beaver Road, Suite 220 Troy, MI 48084	TELEPHONE Anup Papat (248) 643-9010 Ext. 102 VENDOR NUMBER/MAIL CODE BUYER (517) 241-1646 Greg Faremouth
Contract Administrator: Norm Buckwalter Prequalified IT Project Development Services – Department of Information Technology	
CONTRACT PERIOD: From: September 1, 2003 To: September 1, 2005	
TERMS <p style="text-align: center;">Net 45 Days</p>	SHIPMENT <p style="text-align: center;">N/A</p>
F.O.B. <p style="text-align: center;">Destination</p>	SHIPPED FROM <p style="text-align: center;">N/A</p>
MINIMUM DELIVERY REQUIREMENTS <p style="text-align: center;">N/A</p>	
MISCELLANEOUS INFORMATION: The terms and conditions of this Contract are those attached to this Contract. Estimated Contract Value: \$5,000,000.00	

All terms and conditions of the invitation to bid are made a part hereof.

Reference: ITB 07113000003

FOR THE VENDOR: Systems Technology Group, Inc. Firm Name	FOR THE STATE: Signature Sharon Pickett, CPPO, CPPB
Authorized Agent Signature	Name Deputy Director, Acquisition Services
Authorized Agent (Print or Type)	Title
Date	Date



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ATTACHMENTS

- A. Technical Proposal (Excerpts)
 - B. Examples of Poor Performance
 - C. Pricing
- EXHIBIT A - Tier 2 Work Request Process



Definitions and Acronym Glossary

- A. **Acquisition Services:** Department of Management & Budget, Acquisition Services; the procurement authority for the Executive Branch Department in State government.
- B. **Normal Business Days and Hours:** Monday through Friday, 7:00 a.m. to 6:00 p.m., Eastern Standard Time, except for holidays observed by the State of Michigan.
- C. **CUSTOMER:** Michigan Department of Information Technology (DIT) and individual State departments that have received the prior approval of DIT or member of the State of Michigan Extended Purchasing Program (EPP) on whose behalf Primary Contracts are eventually procured as a result of this RFP.
- D. **DIT:** State of Michigan, Department of Information Technology
- E. **DMB:** State of Michigan, Department of Management & Budget
- F. **EPP:** Extended Purchasing Program; Acquisition Services extends its services to any city, village, county, township, school district, intermediate school district, non-profit hospital, institution of higher education, community or junior college. This program is called the Extended Purchasing Program.
- G. **JEC:** Joint Evaluation Committee; the team of individuals charged with evaluating the proposals submitted.
- H. **OFM:** State of Michigan, Office of Financial Management
- I. **PCVL:** Primary Contract Vendor Listing
- J. **Pre-Qualified Vendor:** Vendors who have been selected through this RFP and who have signed Contracts to potentially provide DIT with IT Services.
- K. **RFP:** The Request for Proposal as well as all addenda used as a solicitation document in this procurement, as well as all amendments and modifications thereto.
- L. **Software:** the object code version of computer programs and any related documentation, excluding maintenance diagnostics. Software also means the source code version, where provided by Vendor.
- M. **Contractor: Systems Technology Group, Inc.,** its employees and agents. “Contractor” also includes any firm, provider, organization, individual, or other entity performing services under this Contract. It shall also include any Subcontractor retained by Contractor as permitted under the terms of this Contract.
- N. **Work Contract:** a contractual document (supplemental to the Primary Contract) issued by DIT or an EPP participant and signed with a pre-qualified vendor as a result of the second tier work request process. A Work Contract generally contains a specific description of work/tasks to be performed by the vendor staff, period of performance, costs or hourly rate(s), deliverables, etc.
- O. **Work Request:** a solicitation document developed and issued by the DIT or an EPP participant to pre-qualified vendors to request proposals. The document identifies the statement of work, period of performance, and any special terms and conditions, etc.
- P. **Primary Contract:** the main contractual agreement that identifies the Terms and Conditions that both parties are in agreement on.



SECTION I—TERMS AND CONDITIONS

I-A PURPOSE

The goal of this contract is to establish a pool of vendors to bid on second tier work requests in the information technology (IT) service category listed on the cover page of this contract. To be included in the pool, pre-qualified vendors will be required to sign this Primary Contract with Acquisition Services. After the signing of the Primary Contracts and the creation of the qualified vendor pool, Acquisition Services and DIT will conduct mandatory training for all qualified vendors on the streamlined, second tier, competitive contract selection process under which future Work Contracts may be awarded.

The Primary Contracts and any resulting Work Contracts will be written so as to incorporate by reference all the terms of this contract. DIT will advise Acquisition Services of any additional terms and conditions within their specific Work Request. There is no stated or implied guarantee that Work Contracts will be awarded to any pre-qualified vendor(s) by the SOM.

The second tier work request process will be initiated by DIT as specific needs arise. DIT after formalizing a comprehensive work statement will facilitate the second tier selection process for each contracting effort. The Work Request Template (see Exhibit B) will identify the statement of work, period of performance, deliverables, specific response information required, and any special terms and conditions. DIT will identify the category of service and Acquisition Services will send out the solicitation to all pre-qualified vendors in that specific category. These vendors will respond directly to Acquisition Services within the timeframe specified in the Work Request. DIT will evaluate the responses and determine the vendor that will provide the best overall value for their work request.

I-B TERM OF CONTRACT

The State of Michigan is not liable for any cost incurred by any bidder prior to signing of a Contract by all parties. The activities to be provided through **Pre-Qualified IT Services Contract Vendors** in the proposed Contract cover the period **September 1, 2003** through **September 1, 2005**. Acquisition Services, after consultation with DIT, may offer to extend the contracts for up to three (3) additional one-year periods or other portions thereof as is deemed in the best interest of DIT. Any extension will be subject to mutual agreement between Acquisition Services and the Contractor. The State fiscal year is October 1st through September 30th. The prospective Contractor should realize that payments in any given fiscal year are contingent upon enactment of legislative appropriations.

Acquisition Services, upon request of DIT, reserves the right, at its sole discretion, to expand the pre-qualified vendor pool in any or all categories of service if it is deemed to be in the best interest of the State. Acquisition Services and DIT intend to review and assess this need at least annually.

I-C ISSUING OFFICE

This Contract is issued by the State of Michigan, Department of Management and Budget (DMB), Acquisition Services, hereafter known as Acquisition Services, for the State of Michigan, **Department of Information Technology (DIT)**. Where actions are a combination of those of Acquisition Services and **DIT**, the authority will be known as the State.

Acquisition Services is the sole point of contact in the State with regard to all contractual matters relating to the services described herein. Acquisition Services is the only office authorized to change, modify, amend, alter, clarify, etc., the prices, specifications, terms, and conditions of this Contract. Acquisition Services will remain the **SOLE POINT OF CONTACT** throughout the contractual process, until such time as the Director of acquisitions shall direct otherwise in writing. All communications concerning prices, specifications, terms and conditions must be addressed to:



Greg Faremouth, Buyer CPPB
 Strategic Purchasing
 DMB, Acquisition Services
 2nd Floor, Mason Building
 P.O. Box 30026
 Lansing, MI 48909
 E-mail: faremouthg@michigan.gov

I-D CONTRACT ADMINISTRATOR

The person listed below will administer the Contract on a day-to-day basis during the term of the Contract. However, administration of this Contract implies no authority to change, modify, clarify, amend, or otherwise alter the prices, terms, conditions, and specifications of such Contract. That authority is retained by Acquisition Services. The Contract Administrator for this project is:

Norm Buckwalter
 Department of Information Technology
 105 West Allegan
 Lansing, MI 48913
 E-mail: BuckwalterN@michigan.gov

I-E PURCHASE ORDERS

Orders for delivery of Services may be issued directly by the DIT through the issuance of a Purchase Order Form along with a Work Contract signed by DIT and Vendor referencing this Contract (Blanket Purchase Order) and the terms and conditions contained herein. Contractor shall reference the Purchase Order Number and BPO on all invoices for payment.

I-F COST LIABILITY

The State of Michigan assumes no responsibility or liability for costs incurred by the Contractor prior to the signing of the Contract. Total liability of the State is limited to the terms and conditions of the Contract.

I-G CONTRACTOR RESPONSIBILITIES

The Contractor will assume responsibility for all contractual activities offered in this proposal whether or not that Contractor performs them. Further, the State considers the Prime Contractor to be the sole point of contact with regard to contractual matters, including but not limited to payment of any and all costs resulting from the anticipated Contract. If any part of the work is to be subcontracted, the contractor must notify the state and identify the subcontractor(s), including firm name and address, contact person, complete description of work to be subcontracted, and descriptive information concerning subcontractor's organizational abilities. The State reserves the right to approve subcontractors for this project and to require the Contractor to replace subcontractors found to be unacceptable. The Contractor is totally responsible for adherence by the subcontractor to all provisions of the Contract.

I-H NEWS RELEASES

News releases pertaining to this Contract or the services, study, data, or project to which it relates will not be made without prior written State approval, and then only in accordance with the explicit written instructions from the State. No results of the program are to be released without prior approval of the State and then only to persons designated. See <http://www.michigan.gov/doingbusiness> for the policy on news releases.

I-I DISCLOSURE

All information in a bidder's proposal and this Contract is subject to the provisions of the Freedom of Information Act, 1976 Public Act No. 442, as amended, MCL 15.231, *et seq.*



I-J ACCOUNTING RECORDS

The Contractor is required to maintain all pertinent financial and accounting records and evidence pertaining to the Contract in accordance with generally accepted principles of accounting and other procedures specified by the State of Michigan. Financial and accounting records shall be made available, upon request, to the State of Michigan, its designees, or the Michigan Auditor General at any time during the Contract period and any extension thereof, and for three (3) years from the expiration date and final payment on the Contract or extension thereof.

I-K INDEMNIFICATION

1. PATENT/COPYRIGHT INFRINGEMENT INDEMNITY

To the extent permitted by law, the Contractor shall indemnify, defend and hold harmless the State from and against all losses, liabilities, damages (including taxes), and all related costs and expenses (including reasonable attorneys' fees and costs of investigation, litigation, settlement, judgments, interest and penalties) incurred in connection with any action or proceeding threatened or brought against the State to the extent that such action or proceeding is based on a claim that any piece of equipment, software, commodity or service supplied by the Contractor or its Subcontractors, or the operation of such equipment, software, commodity or service, or the use or reproduction of any documentation provided with such equipment, software, commodity or service infringes any existing United States patent, copyright, trademark or trade secret of any person or entity, which is enforceable under the laws of the United States.

In addition, should the equipment, software, commodity, or service, or its operation, become or in the State's or Contractor's opinion be likely to become the subject of a claim of infringement, the Contractor shall at the Contractor's sole expense (i) procure for the State the right to continue using the equipment, software, commodity or service or, if such option is not reasonably available to the Contractor, (ii) replace or modify to the State's satisfaction the same with equipment, software, commodity or service of equivalent function and performance so that it becomes non-infringing, or, if such option is not reasonably available to Contractor, (iii) accept its return by the State with appropriate credits to the State against the Contractor's charges and reimburse the State for any losses or costs incurred as a consequence of the State ceasing its use and returning it.

The foregoing shall be the State's sole and exclusive remedy for any infringement covered under this provision. Contractor will not indemnify State, however, if the claim of infringement is caused by (1) State's misuse or modification of the Deliverable; (2) State's failure to use corrections or enhancements made available by Contractor; (3) State's distribution, marketing or use of the Deliverables outside of it's organization for the benefit of third parties; or (4) information, direction, specification, or materials provided to Contractor by State or any third party except for third party subcontractors and vendors of Contractor.

2. OTHER INDEMNITIES
a. General Indemnification

To the extent permitted by law, the Contractor shall indemnify, defend and hold harmless the State from liability of any kind, including all claims and losses, and all related costs and expenses (including reasonable attorneys' fees and costs of investigation, litigation, settlement, judgments, interest and penalties), accruing or resulting to any person, firm or corporation that may be injured or damaged by the Contractor in the performance of this Contract and that are attributable to the negligence or tortuous acts of the Contractor or any of its Subcontractors, or by anyone else for whose acts any of them may be liable provided that the Contractor is notified in writing within thirty (30) days from the time that the State has knowledge of such claims. The Contractor shall not be liable to the State for consequential damages arising out of claims brought by third parties except for claims for infringement of any United States patent, copyright, trademark or trade secret.



b. Code Indemnification

To the extent permitted by law, the Contractor shall indemnify, defend and hold harmless the State from any claim, loss, or expense arising from Contractor's breach of the No Surreptitious Code Warranty.

3. INDEMNIFICATION NOT LIMITED

In any and all claims against the State, its departments, divisions, agencies, sections, commissions, officers, employees and agents, by any employee of the Contractor any of its Subcontractors, the indemnification obligation under the Contract shall not be limited in any way by the amount or type of damages, compensation or benefits payable by or for the Contractor or any of its Subcontractors under worker's disability compensation acts, disability benefit acts or other employee benefit acts. This indemnification clause is intended to be comprehensive. Any overlap in sub clauses, or the fact that greater specificity is provided as to some categories of risk, is not intended to limit the scope of indemnification under any other sub clauses.

4. CONTINUATION OF INDEMNIFICATION OBLIGATIONS

The Contractor's duty to indemnify continues in full force and effect, notwithstanding the expiration or early cancellation of the Contract, with respect to any claims based on facts or conditions that occurred prior to expiration or cancellation.

5. INDEMNIFICATION PROCEDURES

The procedures set forth below shall apply to all indemnity obligations under this Contract.

- a. After receipt by the State of notice of the action or proceeding involving a claim in respect of which it will seek indemnification, the State shall promptly notify Contractor of such claim in writing and take or assist Contractor in taking, as the case may be, any reasonable action to avoid the imposition of a default judgment against Contractor. No failure to so notify Contractor shall relieve Contractor of its indemnification obligations except to the extent that Contractor can demonstrate damages attributable to such failure. Within ten (10) days following receipt of written notice from the State relating to any claim, Contractor shall notify the State in writing whether Contractor agrees to assume control of the defense and settlement of that claim (a "Notice of Election"). After notifying Contractor of a claim and prior to the State receiving Contractor's Notice of Election, the State shall be entitled to defend against the claim, at Contractor's expense, and Contractor will be responsible for any reasonable costs incurred by the State in defending against the claim during such period.
- b. If Contractor delivers a Notice of Election relating to any claim: (i) the State shall be entitled to participate in the defense of such claim and to employ counsel at its own expense to assist in the handling of such claim and to monitor and advise the State about the status and progress of the Defense; (ii) Contractor shall, at the request of the State, demonstrate to the reasonable satisfaction of the State, Contractor's financial ability to carry out its defense and indemnity obligations under this Contract; (iii) Contractor shall periodically advise the State about the status and progress of the defense and shall obtain the prior written approval of the State before entering into any settlement of such claim or ceasing to defend against such claim and (iv) to the extent that any principles of Michigan governmental or public law may be involved or challenged, the State shall have the right, at its own expense, to control the defense of that portion of such claim involving the principles of Michigan governmental or public law. Notwithstanding the foregoing, the State may retain control of the defense and settlement of a claim by written notice to Contractor given within ten (10) days after the State's receipt of Contractor's information requested by the State pursuant to clause (ii) of this paragraph if the State determines that Contractor has failed to demonstrate to the reasonable satisfaction of the State Contractor's financial ability to carry out its defense and indemnity obligations under this Section. Any litigation activity on behalf of the State, or any of its subdivisions pursuant to this Section, must be coordinated with the Department of Attorney General. In the event the



insurer's attorney represents the State pursuant to this Section, the insurer's attorney may be required to be designated as a Special Assistant Attorney General by the Attorney General of the State.

- c. If Contractor does not deliver a Notice of Election relating to any claim of which it is notified by the State as provided above, the State shall have the right to defend the claim in such manner as it may deem appropriate, at the cost and expense of Contractor. If it is determined that the claim was one against which Contractor was required to indemnify the State, upon request of the State, Contractor shall promptly reimburse the State for all such reasonable costs and expenses.

I-L NON INFRINGEMENT/COMPLIANCE WITH LAWS

The Contractor warrants that in performing the services called for by this Contract it will not violate any applicable law, rule, or regulation, any contracts with third parties, or any intellectual rights of any third party, including but not limited to, any existing United States patent, trademark, copyright, or trade secret.

I-M WARRANTIES AND REPRESENTATIONS

The Contract will contain customary representations and warranties by the Contractor, including, without limitation, the following:

1. The Contractor will perform all services in accordance with high professional standards in the industry;
2. The Contractor will use adequate numbers of qualified individuals with suitable training, education, experience and skill to perform the services;
3. The Contractor will use its best efforts to use efficiently any resources or services necessary to provide the services that are separately chargeable to the State;
4. The Contractor will use its best efforts to perform the services in the most cost effective manner consistent with the required level of quality and performance;
5. The Contractor will perform the services in a manner that does not infringe the proprietary rights of any third party;
6. The Contractor will perform the services in a manner that complies with all applicable laws and regulations;
7. The Contractor has duly authorized the execution, delivery and performance of the Contract;
8. The Contractor has not provided any gifts, payments or other inducements to any officer, employee or agent of the State;
9. The Contractor will maintain all equipment and software for which it has maintenance responsibilities in good operating condition and will undertake all repairs and preventive maintenance in accordance with applicable manufacturer's recommendations;
10. When developing any software the Contractor will use its best efforts to ensure that no viruses or similar items are coded or introduced into the systems used to provide the services;
11. The Contractor will not insert or activate any disabling code into the systems used to provide the services without the State's prior written approval;



12. A ninety (90) day warranty on all purchased and developed software, data conversion programs, and data and customization to the product performed by the contractor.
13. No Surreptitious Code Warranty. The Contractor represents and warrants that no copy of licensed software provided to the state contains or will contain any self-help code or any unauthorized code as defined below. This warranty is referred to in this contract as the “no surreptitious code warranty.”
14. THE PRECEDING STATEMENTS ARE CONTRACTOR’S ONLY WARRANTIES CONCERNING THE SERVICES AND ANY WORK PRODUCT, AND IS MADE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, INFORMATIONAL CONTENT, SYSTEMS INTEGRATION, NON-INFRINGEMENT, INTERFERENCE WITH ENJOYMENT OR OTHERWISE.

As used in this Contract, “Self-Help Code” means any back door, time bomb, drop dead device, or other software routine designed to disable a computer program automatically with the passage of time or under the positive control of a person other than the licensee of the software. Self-Help Code does not include Software routines in a computer program (or other person acting by authority of the owner) to obtain access to a licensee’s computer system (s) (e.g. remote access via modem) for purposes of maintenance or technical support.

As used in this Contract, “Unauthorized Code” means any virus, Trojan horse, spyware, worm or other Software routines or components designed to permit unauthorized access to disable, erase, or otherwise harm software, equipment, or data; or to perform any other such actions. The term Unauthorized Code does not include Self-Help Code.

In addition, Contractor will use up-to-date commercial virus detection software to detect the presence of and remove any viruses from any software prior to delivering it to the State.

I-N STAFFING OBLIGATIONS

The State reserves the right to approve the Contractor’s assignment of personnel to this project and to recommend reassignment of personnel deemed unsatisfactory by the State.

The Contractor shall not remove or reassign, without the State’s prior written approval, any of the personnel until such time as the personnel have completed all of their planned and assigned responsibilities in connection with performance of the Contractor’s obligations under this Contract. The Contractor agrees that the continuity of all personnel is critical and agrees to the continuity of all personnel. Removal of any personnel without the written consent of the State may be considered by the State to be a material breach of this Contract. The prohibition against removal or reassignment shall not apply where personnel must be replaced for reasons beyond the reasonable control of the Contractor including but not limited to illness, disability, resignation or termination of the personnel’s employment.

I-O WORK PRODUCT AND OWNERSHIP

Unless otherwise specifically designated in the Work Contract, Work Products shall be considered works made by the Contractor for hire by the State and shall belong exclusively to the State and its designees, unless specifically provided otherwise by mutual agreement of the Contractor and the State. Work Products do not include third party software. If by operation of law any of the Work Product, including all related intellectual property rights, is not owned in its entirety by the State automatically upon creation thereof, the Contractor agrees to assign, and hereby assigns to the State and its designees the ownership of such Work Product, including all related intellectual property rights. The Contractor agrees to provide, at no additional charge, any assistance and to execute any action reasonably required for the State to perfect its intellectual property rights with respect to the aforementioned Work Product.



Notwithstanding any provision of this Contract to the contrary, any preexisting work or materials including, but not limited to, any routines, libraries, tools, methodologies, processes or technologies (collectively, the “Development Tools”) created, adapted or used by the Contractor in its business generally, including any and all associated intellectual property rights, shall be and remain the sole property of the Contractor, and the State shall have no interest in or claim to such preexisting work, materials or Development Tools, except as necessary to exercise its rights in the Work Product. Such rights belonging to the State shall include, but not be limited to, the right to use, execute, reproduce, display, perform and distribute copies of and prepare derivative works based upon the Work Product, and the right to authorize others to do any of the foregoing, irrespective of the existence therein of preexisting work, materials and Development Tools, except as specifically limited herein

The Contractor and its subcontractors shall be free to use and employ their general skills, knowledge and expertise, and to use, disclose, and employ any generalized ideas, concepts, knowledge, methods, techniques or skills gained or learned during the course of performing the services under this Contract, so long as the Contractor or its subcontractors acquire and apply such information without disclosure of any confidential or proprietary information of the State, and without any unauthorized use or disclosure of any Work Product resulting from this Contract.

I-P CONFIDENTIALITY OF DATA AND INFORMATION

All financial, statistical, personnel, technical and other data and information relating to the State’s operation which are designated confidential by the State and made available to the Contractor in order to carry out the Work Contract, or which become available to the Contractor in carrying out the Work Contract, shall be protected by the Contractor from unauthorized use and disclosure through the observance of the same or more effective procedural requirements as are applicable to the State. The identification of all such confidential data and information as well as the State’s procedural requirements for protection of such data and information from unauthorized use and disclosure shall be provided by the State in writing to the Contractor. If the methods and procedures employed by the Contractor for the protection of the Contractor’s data and information are deemed by the State to be adequate for the protection of the State’s confidential information, such methods and procedures may be used, with the written consent of the State, to carry out the intent of this section.

The Contractor shall not be required under the provisions of this section to keep confidential, (1) information generally available to the public, (2) information released by the State generally, or to the Contractor without restriction, (3) information independently developed or acquired by the Contractor or its personnel without reliance in any way on otherwise protected information of the State. Notwithstanding the foregoing restrictions, the Contractor and its personnel may use and disclose any information which it is otherwise required by law to disclose, but in each case only after the State has been so notified, and has had the opportunity, if possible, to obtain reasonable protection for such information in connection with such disclosure.

To the extent permissible under the law, the State agrees to protect the confidentiality of the Confidential Information of Contractor in the same manner that it protects the confidentiality of its own proprietary and confidential information of like kind, but in no event shall either party exercise less than reasonable care in protecting such Confidential Information.

I-Q REMEDIES FOR BREACH OF CONFIDENTIALITY

The Contractor acknowledges that a breach of its confidentiality obligations, shall be considered a material breach of the Contract. Furthermore the Contractor acknowledges that in the event of such a breach the State shall be irreparably harmed. Accordingly, if a court should find that the Contractor has breached or attempted to breach any such obligations, the Contractor will not oppose the entry of an appropriate order restraining it from any further breaches or attempted or threatened breaches. This remedy shall be in addition to and not in limitation of any other remedy or damages provided by law.



I-R CONTRACTOR'S LIABILITY INSURANCE

The Contractor is required to provide proof of the minimum levels of insurance coverage as indicated below. The purpose of this coverage shall be to protect the State from claims which may arise out of or result from the Contractor's performance of services under the terms of this Contract, whether such services are performed by the Contractor, or by any subcontractor, or by anyone directly or indirectly employed by any of them, or by anyone for whose acts they may be liable.

The Contractor waives all rights against the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees and agents for recovery of damages to the extent these damages are covered by the insurance policies the Contractor is required to maintain pursuant to this Contract. The Contractor also agrees to provide evidence that all applicable insurance policies contain a waiver of subrogation by the insurance company.

The Insurance shall be written for not less than any minimum coverage herein specified or required by law, whichever is greater. All deductible amounts for any of the required policies must be approved by the State.

The State reserves the right to reject insurance written by an insurer the State deems unacceptable.

BEFORE THE CONTRACT IS SIGNED BY BOTH PARTIES OR BEFORE THE PURCHASE ORDER IS ISSUED BY THE STATE, THE CONTRACTOR MUST FURNISH TO THE DIRECTOR OF ACQUISITION SERVICES, CERTIFICATE (S) OF INSURANCE VERIFYING INSURANCE COVERAGE. THE CERTIFICATE MUST BE ON THE STANDARD "ACCORD" FORM.

THE CONTRACT OR PURCHASE ORDER NO. MUST BE SHOWN ON THE CERTIFICATE OF INSURANCE TO ASSURE CORRECT FILING. All such Certificate(s) are to be prepared and submitted by the Insurance Provider and not by the Contractor.

All such Certificate(s) shall contain a provision indicating that coverage's afforded under the policies WILL NOT BE CANCELLED OR MATERIALLY CHANGED without THIRTY (30) days prior written notice having been given to the Director of Acquisition Services. Such NOTICE must include the CONTRACT NUMBER affected.

The Contractor is required to provide the type and amount of insurance checked () below:

- 1. Commercial General Liability with the following minimum coverage's:
 - \$2,000,000 General Aggregate Limit other than Products/Completed Operations
 - \$2,000,000 Products/Completed Operations Aggregate Limit
 - \$1,000,000 Personal & Advertising Injury Limit
 - \$1,000,000 Each Occurrence Limit
 - \$500,000 Fire Damage Limit (any one fire)

The Contractor must list the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees and agents as ADDITIONAL INSURED(S) on the Commercial General Liability policy. All insurance coverage provided relative to this Contract/Purchase Order is PRIMARY to any comparable liability insurance (including self-insurances) carried by the State.

- 2. If a motor vehicle is used to provide services or products under this Contract, the Contractor must have vehicle liability insurance for bodily injury and property damage as required by law. The Contractor must list the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees and agents as ADDITIONAL INSURED(S) on the vehicle liability policy.



- ☑ 3. Worker's disability compensation, disability benefit or other similar employee benefit act with minimum statutory limits. NOTE: (1) If coverage is provided by a State fund or if Contractor has qualified as a self-insurer, separate certification must be furnished that coverage is in the state fund or that Contractor has approval to be a self-insurer; (2) Any citing of a policy of insurance must include a listing of the States where that policy's coverage is applicable; and (3) Any policy of insurance must contain a provision or endorsement providing that the insurers' rights of subrogation are waived. This provision shall not be applicable where prohibited or limited by the laws of the jurisdiction in which the work is to be performed.

- ☑ 4. Employers liability insurance with the following minimum limits:
 - \$100,000 each accident
 - \$100,000 each employee by disease
 - \$500,000 aggregate disease

I-S NOTICE AND RIGHT TO CURE

In the event of a curable breach by the Contractor, the State shall provide the Contractor written notice of the breach and a time period to cure said breach described in the notice. This section requiring notice and an opportunity to cure shall not be applicable in the event of successive or repeated breaches of the same nature or if the State determines in its sole discretion that the breach poses a serious and imminent threat to the health or safety of any person or the imminent loss, damage or destruction of any real or tangible personal property.

I-T CANCELLATION

The State may cancel this Contract or any Work Contract without further liability or penalty to the State, its departments, divisions, agencies, offices, commissions, officers, agents and employees for any of the following reasons:

1. Material Breach by the Contractor. In the event that the Contractor breaches any of its material duties or obligations under the Contract, which are either not capable of or subject to being cured, or are not cured within the time period specified in the written notice of breach provided by the State, or pose a serious and imminent threat to the health and safety of any person, or the imminent loss, damage or destruction of any real or tangible personal property, the State may, having provided written notice of cancellation to the Contractor, cancel this Contract in whole or in part, for cause, as of the date specified in the notice of cancellation.
 - a. In the event that this Contract is cancelled for cause, in addition to any legal remedies otherwise available to the State by law or equity, the Contractor shall be responsible for all costs incurred by the State in canceling the Contract, including but not limited to, State administrative costs, attorneys fees and court costs, and any additional costs the State may incur to procure the services required by this Contract from other sources. All excess reprocurement costs and damages shall not be considered by the parties to be consequential, indirect or incidental, and shall not be excluded by any other terms otherwise included in the Contract.

 - b. In the event the State chooses to partially cancel this Contract for cause charges payable under this Contract will be equitably adjusted to reflect those services that are cancelled.

 - c. In the event this Contract is cancelled for cause pursuant to this section, and it is therefore determined, for any reason, that the Contractor was not in breach of contract pursuant to the provisions of this section, that cancellation for cause shall be deemed to have been a cancellation for convenience, effective as of the same date, and the rights



and obligations of the parties shall be limited to that otherwise provided in the Contract for a cancellation for convenience.

2. Cancellation For Convenience By the State. The State may cancel this Contract for its convenience, in whole or part, if the State determines that such a cancellation is in the State's best interest. Reasons for such cancellation shall be left to the sole discretion of the State and may include, but not necessarily be limited to (a) the State no longer needs the services or products specified in the Contract, (b) relocation of office, program changes, changes in laws, rules, or regulations make implementation of the Contract services no longer practical or feasible, and (c) unacceptable prices for additional services requested by the State. The State may cancel the Contract for its convenience, in whole or in part, by giving the Contractor written notice 30 days prior to the date of cancellation. If the State chooses to cancel this Contract in part, the charges payable under this Contract shall be equitably adjusted to reflect those services that are cancelled.

3. Non-Appropriation. In the event that funds to enable the State to effect continued payment under this Contract are not appropriated or otherwise made available. The Contractor acknowledges that, if this Contract extends for several fiscal years, continuation of this Contract is subject to appropriation or availability of funds for this project. If funds are not appropriated or otherwise made available, the State shall have the right to cancel this Contract at the end of the last period for which funds have been appropriated or otherwise made available by giving written notice of cancellation to the Contractor. The State shall give the Contractor written notice of such non-appropriation or unavailability within 30 days after it receives notice of such non-appropriation or unavailability.

4. Criminal Conviction. In the event the Contractor, an officer of the Contractor, or an owner of a 25% or greater share of the Contractor, is convicted of a criminal offense incident to the application for or performance of a State, public or private Contract or subcontract; or convicted of a criminal offense including but not limited to any of the following: embezzlement, theft, forgery, bribery, falsification or destruction of records, receiving stolen property, attempting to influence a public employee to breach the ethical conduct standards for State of Michigan employees; convicted under State or federal antitrust statutes;

or convicted of any other criminal offense which in the sole discretion of the State, reflects upon the Contractor's business integrity.

5. Approvals Rescinded. In the event any final administrative or judicial decision or adjudication disapproves a previously approved request for purchase of services pursuant to Article 11, Section 5 of the Michigan Constitution of 1963, and Chapter 7 of the Civil Service Rules. Notwithstanding any other provision of this Contract to the contrary, the State Personnel Director is authorized to disapprove contractual disbursements for services if the Director determines that the Contract of the disbursements under the Contract violate Article 11, Section 5 of the Constitution or violate applicable Civil Service rules or regulations. Cancellation may be in whole or in part and may be immediate as of the date of the written notice to the Contractor or may be effective as of the date stated in such written notice.

I-U RIGHTS AND OBLIGATIONS UPON CANCELLATION

1. If the Contract is canceled by the State for any reason, the Contractor shall, (a) stop all work as specified in the notice of cancellation, (b) take any action that may be necessary, or that the State may direct, for preservation and protection of Work Product or other property derived or resulting from the Contract that may be in the Contractor's possession, (c) return all materials and property provided directly or indirectly to the Contractor by any entity, agent or employee of the State, (d) transfer title and deliver to the State, unless otherwise directed by the Contract Administrator or his



or her designee, all Work Product resulting from the Contract, and (e) take any action to mitigate and limit any potential damages, or requests for Contractor adjustment or cancellation settlement costs, to the maximum practical extent, including, but not limited to, canceling or limiting as otherwise applicable, those subcontracts, and outstanding orders for material and supplies resulting from the canceled Contract.

2. In the event the State cancels this Contract prior to its expiration for its own convenience, the State shall pay the Contractor for all charges due for services provided prior to the date of cancellation and if applicable as a separate item of payment pursuant to the Contract, for partially completed Work Product, on a percentage of completion basis. In the event of a cancellation for cause, or any other reason under the Contract, the State will pay, if applicable, as a separate item of payment pursuant to the Contract, for all partially completed Work Products, to the extent that the State requires the Contractor to submit to the State any such deliverables, and for all charges due under the Contract for any cancelled services provided by the Contractor prior to the cancellation date. All completed or partially completed Work Product prepared by the Contractor pursuant to this Contract shall, at the option of the State, become the State's property, and the Contractor shall be entitled to receive just and fair compensation for such Work Product. Regardless of the basis for the cancellation, the State shall not be obligated to pay, or otherwise compensate, the Contractor for any lost expected future profits, costs or expenses incurred with respect to Services not actually performed for the State.
3. If any such cancellation by the State is for cause, the State shall have the right to set-off against any amounts due the Contractor, the amount of any damages for which the Contractor is liable to the State under this Contract or pursuant to law and equity.
4. Upon a good faith cancellation, the State shall have the right to assume, at its option, any and all subcontracts and Contracts for services and materials provided under this Contract, and may further pursue completion of the Work Product under this Contract by replacement contract or otherwise as the State may in its sole judgment deem expedient.

I-V EXCUSABLE FAILURE

1. Neither party shall be liable for any default or delay in the performance of its obligations under the Contract if and to the extent such default or delay is caused, directly or indirectly, by: fire, flood, earthquake, elements of nature or acts of God; riots, civil disorders, rebellions or revolutions in any country; the failure of the other party to perform its material responsibilities under the Contract (either itself or through another contractor); injunctions (provided the injunction was not issued as a result of any fault or negligence of the party seeking to have its default or delay excused); or any other cause beyond the reasonable control of such party; provided the non-performing party and its subcontractors are without fault in causing such default or delay, and such default or delay could not have been prevented by reasonable precautions and cannot reasonably be circumvented by the non-performing party through the use of alternate sources, workaround plans or other means, including disaster recovery plans. In such event, the non-performing party will be excused from any further performance or observance of the obligation(s) so affected for as long as such circumstances prevail and such party continues to use its best efforts to recommence performance or observance whenever and to whatever extent possible without delay provided such party promptly notifies the other party in writing of the inception of the excusable failure occurrence, and also of its abatement or cessation.
2. If any of the above enumerated circumstances substantially prevent, hinder, or delay performance of the services necessary for the performance of the State's functions for more than 14 consecutive days, and the State determines that performance is not likely to be resumed within a period of time that is satisfactory to the State in its reasonable discretion, then at the State's option:



(a) the State may procure the affected services from an alternate source, and the State shall not be liable for payments for the unperformed services under the Contract for so long as the delay in performance shall continue; (b) the State may cancel any portions of the Contract so affected and the charges payable there under shall be equitably adjusted to reflect those services canceled; or (c) the Contract will be canceled without liability of the State to the Contractor as of the date specified by the State in a written notice of cancellation to the Contractor. The Contractor will not have the right to any additional payments from the State as a result of any excusable failure occurrence or to payments for services not rendered as a result of the excusable failure condition. Defaults or delays in performance by the Contractor which are caused by acts or omissions of its subcontractors will not relieve the Contractor of its obligations under the Contract except to the extent that a subcontractor is itself subject to any excusable failure condition described above and the Contractor cannot reasonably circumvent the effect of the subcontractor's default or delay in performance through the use of alternate sources, workaround plans or other means.

I-W ASSIGNMENT

The Contractor shall not have the right to assign this Contract or to assign or delegate any of its duties or obligations under this Contract to any other party (whether by operation of law or otherwise), without the prior written consent of the State. Any purported assignment in violation of this section shall be null and void. Further, the Contractor may not assign the right to receive money due under the Contract without the prior written consent of the Director of Acquisition Services.

I-X DELEGATION

The Contractor shall not delegate any duties or obligations under this Contract to a subcontractor other than a subcontractor named in the bid unless the Director of Acquisition Services has given written consent to the delegation.

I-Y NON-DISCRIMINATION CLAUSE

In the performance of any Contract or purchase order resulting here from, the bidder agrees not to discriminate against any employee or applicant for employment, with respect to their hire, tenure, terms, conditions or privileges of employment, or any matter directly or indirectly related to employment, because of race, color, religion, national origin, ancestry, age, sex, height, weight, marital status, physical or mental disability unrelated to the individual's ability to perform the duties of the particular job or position. The bidder further agrees that every subcontract entered into for the performance of any Contract or purchase order resulting here from will contain a provision requiring non-discrimination in employment, as herein specified, binding upon each subcontractor.

This covenant is required pursuant to the Elliot Larsen Civil Rights Act, 1976 Public Act 453, as amended, MCL 37.2101, *et seq*, and the Persons with Disabilities Civil Rights Act, 1976 Public Act 220, as amended, MCL 37.1101, *et seq*, and any breach thereof may be regarded as a material breach of the Contract or purchase order.

I-Z WORKPLACE SAFETY AND DISCRIMINATORY HARASSMENT

In performing services for the State pursuant to this Contract, the Contractor shall comply with Department of Civil Service Rules 2-20 regarding Workplace Safety and 1-8.3 regarding Discriminatory Harassment. In addition, the Contractor shall comply with Civil Service Regulations governing workplace safety and discriminatory harassment and any applicable state agency rules on these matters that the agency provides to the Contractor. Department of Civil Service Rules and Regulations can be found on the Department of Civil Service website at <http://www.michigan.gov/mdcs>.

I-AA MODIFICATION OF SERVICE

The Director of Acquisition Services reserves the right to modify services during the course of this Contract. Such modification may include adding or deleting tasks that these services shall encompass and/or any other modifications deemed necessary.



The State reserves the right to request from time to time, any changes to the requirements and specifications of the Work Contract and the work to be performed by the Contractor under the Work Contract. The Contractor shall provide a change order process and all requisite forms. The State reserves the right to negotiate the process during contract negotiation. At a minimum, the State would like the Contractor to provide a detailed outline of all work to be done, including tasks necessary to accomplish the deliverables, timeframes, listing of personnel assigned, estimated hours for each individual per task, and a complete and detailed cost justification.

1. Within five (5) business days of receipt of a request by the State for any such change, or such other period of time as to which the parties may agree mutually in writing, the Contractor shall submit to the State a proposal describing any changes in products, services, timing of delivery, assignment of personnel, and the like, and any associated price adjustment. The price adjustment shall be based on a good faith determination and calculation by the Contractor of the additional cost to the Contractor in implementing the change request less any savings realized by the Contractor as a result of implementing the change request. The Contractor's proposal shall describe in reasonable detail the basis for the Contractor's proposed price adjustment, including the estimated number of hours by task by labor category required to implement the change request.
2. If the State accepts the Contractor's proposal, it will issue a change notice and the Contractor will implement the change request described therein. The Contractor will not implement any change request until a change notice has been issued validly. The Contractor shall not be entitled to any compensation for implementing any change request or change notice except as provided explicitly in an approved change notice.
3. If the State does not accept the Contractor's proposal, the State may:
 - a. Withdraw its change request; or
 - b. Modify its change request, in which case the procedures set forth above will apply to the modified change request.

If the State requests or directs the Contractor to perform any activities that are outside the scope of the Contractor's responsibilities under the Work Contract ("New Work"), the Contractor must notify the State promptly, and before commencing performance of the requested activities, that it believes the requested activities are New Work. If the Contractor fails to so notify the State prior to commencing performance of the requested activities, any such activities performed before notice is given by the Contractor shall be conclusively considered to be In-scope Services, not New Work.

If the State requests or directs the Contractor to perform any services or functions that are consistent with and similar to the services being provided by the Contractor under the Contract, but which the Contractor reasonably and in good faith believes are not included within the scope of the Contractor's responsibilities and charges as set forth in the Contract, then prior to performing such services or function, the Contractor shall promptly notify the State in writing that it considers the services or function to be an "Additional Service" for which the Contractor should receive additional compensation. If the Contractor does not so notify the State, the Contractor shall have no right to claim thereafter that it is entitled to additional compensation for performing such services or functions. If the Contractor does so notify the State, then such a service or function shall be governed by the change request procedure set forth in the preceding paragraph.

IN THE EVENT PRICES ARE NOT ACCEPTABLE TO THE STATE, THE CONTRACT SHALL BE SUBJECT TO COMPETITIVE BIDDING BASED UPON THE NEW SPECIFICATIONS.

I-BB NOTICES

Any notice given to a party under this Contract must be written and shall be deemed effective, if addressed to such party as addressed below upon (i) delivery, if hand delivered; (ii) receipt of a



confirmed transmission by facsimile if a copy of the notice is sent by another means specified in this section; (iii) the third (3rd) Business Day after being sent by U.S. mail, postage pre-paid, return receipt requested; or (iv) the next Business Day after being sent by a nationally recognized overnight express courier with a reliable tracking system.

For the Contractor: **Anup Popat**
Systems Technology Group, Inc.
3155 West Big Beaver Road, Suite 220
Troy, MI 48084

For the State:
Greg Faremouth, Buyer CPPB
DMB, Acquisition Services
P O Box 30026
Lansing, MI 48909
Email: faremouthg@michigan.gov

Either party may change its address where notices are to be sent giving written notice in accordance with this section.

I-CC ENTIRE AGREEMENT

This Contract shall represent the entire agreement between the parties and supersedes all proposals or other prior agreements, oral or written, and all other communications between the parties relating to this subject.

I-DD NO WAIVER OF DEFAULT

The failure of a party to insist upon strict adherence to any term of the Contract shall not be considered a waiver or deprive the party of the right thereafter to insist upon strict adherence to that term, or any other term, of the Contract.

I-EE SEVERABILITY

Each provision of the Contract shall be deemed to be severable from all other provisions of the Contract and, if one or more of the provisions of the Contract shall be declared invalid, the remaining provisions of the Contract shall remain in full force and effect.

I-FF HEADINGS

Captions and headings used in the Contract are for information and organization purposes. Captions and headings, including inaccurate references, do not, in any way, define or limit the requirements or terms and conditions of this Contract.

I-GG RELATIONSHIP OF THE PARTIES

The relationship between the State and the Contractor is that of client and independent Contractor. No agent, employee, or servant of the Contractor or any of its subcontractors shall be or shall be deemed to be an employee, agent, or servant of the State for any reason. The Contractor will be solely and entirely responsible for its acts and the acts of its agents, employees, servants and subcontractors during the performance of this Contract.

I-HH UNFAIR LABOR PRACTICES

Pursuant to 1980 Public Act 278, as amended, MCL 423.231, et seq, the State shall not award a Contract or subcontract to an employer whose name appears in the current register of employers failing to correct an unfair labor practice compiled pursuant to section 2 of the Act. This information is compiled by the United States National Labor Relations Board.



A Contractor of the State, in relation to the Contract, shall not enter into a Contract with a subcontractor, manufacturer, or supplier whose name appears in this register. Pursuant to section 4 of 1980 Public Act 278, MCL 423.324, the State may void any Contract if, subsequent to award of the Contract, the name of the Contractor as an employer, or the name of the subcontractor, manufacturer or supplier of the Contractor appears in the register.

I-II SURVIVOR

Any provisions of the Contract that impose continuing obligations on the parties including, but not limited to the Contractor's indemnity and other obligations shall survive the expiration or cancellation of this Contract for any reason.

I-JJ GOVERNING LAW

This Contract shall in all respects be governed by, and construed in accordance with, the laws of the State of Michigan. Any dispute arising herein shall be resolved in the State of Michigan.

I-KK YEAR 2000 SOFTWARE COMPLIANCE

The vendor warrants that all software for which the vendor either sells or licenses to the State of Michigan and used by the State prior to, during or after the calendar year 2000, includes or shall include, at no added cost to the State, design and performance so the State shall not experience software abnormality and/or the generation of incorrect results from the software, due to date oriented processing, in the operation of the business of the State of Michigan.

The software design, to insure year 2000 compatibility, shall include, but is not limited to: data structures (databases, data files, etc.) that provide 4-digit date century; stored data that contain date century recognition, including, but not limited to, data stored in databases and hardware device internal system dates; calculations and program logic (e.g., sort algorithms, calendar generation, event recognition, and all processing actions that use or produce date values) that accommodates same century and multi-century formulas and date values; interfaces that supply data to and receive data from other systems or organizations that prevent non-compliant dates and data from entering any State system; user interfaces (i.e., screens, reports, etc.) that accurately show 4 digit years; and assurance that the year 2000 shall be correctly treated as a leap year within all calculation and calendar logic.

I-LL CONTRACT DISTRIBUTION

Acquisition Services shall retain the sole right of Contract distribution to all State agencies and local units of government unless other arrangements are authorized by Acquisition Services.

I-MM STATEWIDE CONTRACTS

If the contract is for the use of more than one agency and if the goods or services provided under the contract do not meet the form, function and utility required by an agency, that agency may, subject to state purchasing policies, procure the goods or services from another source.

I-NN STATE STANDARDS

1. **EXISTING TECHNOLOGY STANDARDS.** The Contractor will adhere to all existing standards as described within the comprehensive listing of the State's existing technology standards at www.state.mi.us/cio/oits.
2. **PM METHODOLOGY STANDARDS.** The State has adopted a standard, documented Project Management Methodology (PMM) for use on all Information Technology (IT) based projects. This policy is referenced in the document titled "Project Management Methodology" – DMB Administrative Guide Procedure 1380.02 issued June 2000. Vendors may obtain a copy of this procedure by contacting the DIT, Research and Policy. The State of Michigan Project Management Methodology can be obtained from the DIT's website at <http://www.michigan.gov/dit>.



The contractor shall use the State’s PMM to manage State of Michigan Information Technology (IT) based projects. The requesting agency will provide the applicable documentation and internal agency processes for the methodology. If the vendor requires training on the methodology, those costs shall be the responsibility of the vendor, unless otherwise stated.

- 3. ADHERANCE TO PORTAL TECHNOLOGY TOOLS.** For all projects involving e-Government, all bidders are expected to read, understand and support compliance with the provisions of Executive Order No. 2000-6 and Executive Directive 2001-1, issued by the State of Michigan, Office of the Governor.

The State of Michigan, e-Michigan Office has adopted the following tools as its Portal Technology development efforts:

- * Vignette Content Management and personalization Tool
- * Inktomi Search Engine
- * Tivoli Directory Services (Presentation Layer)
- * WebSphere Application Server
- * WebSphere e-Pay Payment Processing Module

Vendors must use the Portal Technology Tools to implement web content management and deployment efforts for agencies. Tools used for web based application development must work in conjunction with Vignette and Inktomi. The interaction with Vignette and Inktomi must be coordinated with the Department of Information technology.

Under special circumstances vendors that are compelled to use alternate tools must submit an exception request to the Department of Information Technology for evaluation and approval of each alternate tool prior to proposal evaluation by the State.

I-OO ELECTRONIC FUNDS TRANSFER

Electronic transfer of funds is available to State contractors. Vendors are encouraged to register with the State of Michigan Office of Financial Management so the State can make payments related to this Contract electronically (<http://www.cpexpress.state.mi.us/>).

I-PP TRANSITION ASSISTANCE

If this Contract is not renewed at the end of this term, or is canceled prior to its expiration, for any reason, the Contractor must provide for up to 180 days after the expiration or cancellation of this Contract, all reasonable transition assistance requested by the State, to allow for the expired or canceled portion of the Services to continue without interruption or adverse effect, and to facilitate the orderly transfer of such services to the State or its designees. Such transition assistance will be deemed by the parties to be governed by the terms and conditions of this Contract, (notwithstanding this expiration or cancellation) except for those Contract terms or conditions that do not reasonably apply to such transition assistance. The State shall pay the Contractor for any resources utilized in performing such transition assistance at the most current rates provided by the Contract for Contract performance. If the State cancels this Contract for cause, then the State will be entitled to off set the cost of paying the Contractor for the additional resources the Contractor utilized in providing transition assistance with any damages the State may have otherwise accrued as a result of said cancellation.

I-QQ STOP WORK

1. The State may, at any time, by written stop work order to the Contractor, require that the Contractor stop all, or any part, of the work called for by this Contract or a Work Contract for a period of up to 90 days after the stop work order is delivered to the Contractor, and for any further period to which the parties may agree. The stop work order shall be specifically identified as such and shall indicate that it is issued under this section. Upon receipt of the stop work order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the



incurrence of costs allocable to the work covered by the stop work order during the period of work stoppage. Within the period of the stop work order, the State shall either:

- a. Cancel the stop work order; or
 - b. Cancel the work covered by the stop work order as provided in the cancellation section of this Contract.
2. If a stop work order issued under this section is canceled or the period of the stop work order or any extension thereof expires, the Contractor shall resume work. The State shall make an equitable adjustment in the delivery schedule, the contract price, or both, and the Contract shall be modified, in writing, accordingly, if:
- a. The stop work order results in an increase in the time required for, or in the Contractor's costs properly allocable to the performance of any part of this Contract; and
 - b. The Contractor asserts its right to an equitable adjustment within 30 days after the end of the period of work stoppage; provided, that if the State decides the facts justify the action, the State may receive and act upon a proposal submitted at any time before final payment under this Contract.
3. If the stop work order is not canceled and the work covered by the stop work order is canceled for reasons other than material breach, the State shall allow reasonable costs resulting from the stop work order in arriving at the cancellation settlement.
4. If a stop work order is not canceled and the work covered by the stop work order is canceled for material breach, the State shall not allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop work order.
5. An appropriate equitable adjustment may be made in any related contract of the Contractor that provides for adjustment and is affected by any stop work order under this section. The State shall not be liable to the Contractor for loss of profits because of a stop work order issued under this section.

I-RR PERFORMANCE AND RELIABILITY EVALUATION (PARE)

When the State requires that a performance and reliability evaluation (PARE) is to be performed, the standard of performance for the PARE will be closely monitored during the acceptance period.

In the event that the PARE is for components only, all references to systems (processors) should be changed to components.

The Performance and Reliability Evaluation will consist of two phases.

1. PHASE I

The first phase shall be comprised of a specification compliance review of the equipment listed on the ordering documents. Such equipment shall be checked for total compliance with all required specifications of the RFQ. In the event that the State determines that any component or feature of the delivered equipment or software does not comply with the mandatory specifications of the RFQ, the State shall so notify the Contractor, allowing 14 calendar days for rectification by the Contractor. Should the Contractor be unable to rectify the deficiency, the State reserves the right to cancel the ordering document. Should the equipment and software pass the specification conformance review, the equipment shall enter Phase II of the PARE.



2. PHASE II

a. Determination of System Readiness

- 1) Prior to the PARE, a committee of three persons will be formed to evaluate the system's performance on a daily basis. The committee will consist of one Contractor representative and two State personnel.
- 2) The PARE will begin on the installation dates when the Contractor certifies that the equipment is ready for use by the State.

b. During the PARE:

All rerun times resulting from equipment failure and preventive maintenance shall be excluded from the performance hours.

- 1) All reconfiguration and reload time shall be excluded from the performance hours.
- 2) If files are destroyed as a result of a problem with Contractor equipment and must be rebuilt, the time required to rebuild the files will be considered "down-time" for the system.
- 3) If the Contractor requests access to failed equipment and the State refuses, then such maintenance will be deferred to a mutually agreeable time and the intervening time will not count against the PARE.
- 4) A functional benchmark demonstration will be run for the PARE Committee to confirm that the installed system is capable of performing the same functions that were demonstrated. This run must be completed to the satisfaction of the PARE Committee.

3. STANDARD OF PERFORMANCE

- a. The performance period (a period of thirty consecutive calendar days) shall commence on the installation date, at which time the operational control becomes the responsibility of the State. It is not required that one thirty day period expire in order for another performance period to begin.
- b. If each component operates at an average level of effectiveness of 95 percent or more for a period of 30 consecutive days from the commencement date of the performance period, it shall be deemed to have met the State's standard of performance period. The State shall notify the Contractor in writing of the successful completion of the performance period. The average effectiveness level is a percentage figure determined by dividing the total operational use time by the total operational use time plus associated down-time. In addition, the equipment shall operate in substantial conformance with the Contractor's published specifications applicable to such equipment on the date of this Contract. Equipment added by amendment to this contract shall operate in conformance with the Contractor's published specifications applicable to such equipment at the time of such amendment.
- c. During the successful performance period, all rerun time resulting from equipment failure and preventive maintenance time shall be excluded from the performance period hours. All reconfigurations and reload time shall be excluded from the performance hours. Equipment failure down-time shall be measured by those intervals during the performance period between the time that the Contractor is notified of equipment failure and the time that the equipment is returned to the State in operating condition.
- d. During the successful performance period, a minimum of 80 hours of operational use time on each component will be required as a basis for computation of the average effectiveness level. However, in computing the effectiveness level, the actual number of operational use hours shall be used when in excess of the minimum stated above.



- e. No more than one hour will accrue to the performance hours during any one-wall clock hour.
- f. Equipment shall not be accepted by the State and no charges will be paid by the State until the standard of performance is met.
- g. When a system involves on-line machines, which are remote to the basic installation, the required effectiveness level shall apply separately to each component in the system.
- h. Promptly upon successful completion of the performance period, the State shall notify the Contractor in writing of acceptance of the equipment and authorize the monthly payments to begin on the first day of the successful performance period.
- i. If successful completion of the performance period is not attained within 90 days of the installation date, the State shall have the option of terminating the Contract, or continuing the performance tests. The State's option to terminate the contract shall remain in effect until such time as a successful completion of the performance period is attained. The Contractor shall be liable for all outbound preparation and shipping costs for contracted items returned under this clause.
- j. The PARE will be complete when the equipment has met the required effectiveness level for the prescribed time period.

I-SS LIQUIDATED DAMAGES

The State and the Contractor hereby agree that liquidated damages may be negotiated in individual Work Contracts and as such both parties negotiate to the specific standards set forth in those Work Contracts. It is agreed between the Contractor and the State that the actual damages to the State as a result of Contractor's failure to provide promised services would be difficult or impossible to determine with accuracy. The State and the Contractor therefore agree that liquidated damages as set out in the Work Contract shall be a reasonable approximation of the damages that shall be suffered by the State as a result thereof. Accordingly, in the event of such damages, at the written direction of the State, the Contractor shall pay the State the indicated amount as liquidated damages, and not as a penalty. Amounts due the State as liquidated damages, if not paid by the Contractor within fifteen (15) days of notification of assessment, may be deducted by the State from any money payable to the Contractor pursuant to this Contract. The State will notify the Contractor in writing of any claim for liquidated damages pursuant to this paragraph and the Work Contract on or before the date the State deducts such sums from money payable to the Contractor. No delay by the State in assessing or collecting liquidated damages shall be construed as a waiver of such rights.

The Contractor shall not be liable for liquidated damages when, in the opinion of the State, incidents or delays result directly from causes beyond the control and without the fault or negligence of the Contractor. Such causes may include, but are not restricted to, acts of God, fires, floods, epidemics, and labor unrest; but in every case the delays must be beyond the control and without the fault or negligence of the Contractor.

Liquidated damages will be assessed as follows: Damage amounts will be determined during Contract negotiations in the Second Tier.

I-TT PERFORMANCE

Performance by Pre-Qualified Vendors will be continually evaluated by the State. Performance will be a factor in the award of any Work Contract and continued poor performance will be grounds for not awarding a Work Contract. (Please refer to Exhibit D for examples of poor performance)



I-UU PROTESTS

In order to streamline the second tier contracting process, Contractors agree not to file any protests concerning the award of any Work Contract.

I-VV LIMITATION OF LIABILITY

Except as set forth herein, neither the Contractor nor the State shall be liable to the other party for indirect or consequential damages, even if such party has been advised of the possibility of such damages, and either party's maximum aggregate liability shall be limited to \$2,000,000.00. Such limitation as to in direct or consequential damages, and as to a party's maximum liability shall not be applicable for claims arising out of gross negligence, willful misconduct, or the Contractor's indemnification responsibilities to the State as set forth in section I-J with respect to third party claims, actions and proceedings brought against the State.



SECTION II - REQUIREMENTS

II - A PURPOSE AND QUALIFICATIONS BY CATEGORY: TIER 1

PURPOSE

Acquisitions Services in partnership with the Department of Information Technology has established “Professional Services Ordering” Contracts with information technology providers to assist the State of Michigan in delivering business solutions and maximizing for the organization the value obtained from its information technology investment. As a result of this contract, the State will have access to a pool of pre-qualified providers available to provide high-quality information technology services. Seven (7) vendors have been competitively selected in the below mentioned category.

Project Development Services

It is the intent of this process to reduce the redundancy and efforts expanded by customers and the vendor community to secure contractors for services. This streamlining will serve the best interests of the State, reduce contracting costs, and simplify the process for customers to secure a contract for specific IT services.

As part of their response the pre-approved contractors have provided maximum rate structures and acceptance of the State’s terms and conditions. The first three (3) categories and Project Management and Quality Assurance in Category 5 of this program will be available to DIT for onetime purchases of up to \$1,000,000.00 with a project duration of 18 months or less. The Last Category (Project Development Services less Project Management and Quality Assurance) will be available to DIT for purchases that exceed \$250,000.00 or 12 months in duration. The entire program will not focus on those proposals that (a) exceed \$1,000,000.00 or 18 month contract duration (b) include services that support the processing infrastructure, data cabling, or any aspects of telecommunications (c) Involve the Pre-Qualified START (formerly RAPHITS) program for Developers, System Analysts, and Database Administrator services under \$250,000.00 or less than 12 months in project duration. Those work statements that are estimated to exceed \$1,000,000.00 or 18-month duration would be required to be bid out through the current formal RFP process.

When the State establishes a need for services per the requirements mentioned above, they may utilize the pre-qualified program by formalizing a work statement and having DIT solicit proposals from the pre-qualified pool of vendors.

All vendors would be evaluated on hours, personnel and experience in providing a particular project; with the pre-qualification process taking only two (2) weeks to complete. This process would allow State agencies the greatest flexibility while still providing a mechanism to control costs for the using agencies.

II-B PROJECT DEVELOPMENT SERVICES

Project Managers, Quality Assurance Managers, Developers, System Analyst, and Database Administrators in support of the following sub categories: (hourly IT services)

- a. Mainframe applications and database development
- b. Client/server and workstation application (thin client) and database development and modification
- c. Internet/intranet/extranet
- d. Operations and project implementations
- e. Desktop applications development



Skills and tasks associated with these services include:

Needs Assessment

- Identification of all business requirements
- Analytical skills
- Organizational skills
- Communication skills at the executive level
- Interviewing skills
- Depth of knowledge of current and emerging information technologies, including e-commerce, their strengths and weaknesses, and appropriate application to business needs

Requirements Analysis

- Structured techniques
- Professional discipline
- Use of analytical software tools
- Ability to reduce volumes of detail to concise and easy to read form

Feasibility Studies

- Analysis of new technology projects
- Comparison of conducting IT work in-house versus outsourcing
- Analysis of joint venture and partnership projects
- Project definition and planning methods
- System development project methods using the State's standard development methodology.

Cost Benefit Analysis

- Determining tangible and intangible costs and benefits
- Ability to apply DMB/DIT IT portfolio management standards
- Comparative analysis of in-house versus outsource costs
- Knowledge of present value analysis
- Understanding of the state budgets cycle and state accounting methods

Contingency and Disaster Recovery Planning

- Individuals will be expected to have gained experience with vendors who specialize in hot site and cold site disaster recovery services
- Executive management to explain recovery alternatives, their costs, and the benefits and disadvantages of each alternative
- Identify and implement technical solutions to disaster recovery business requirements

Development/Maintenance and Implementation of Application Software

- Technical writing
- Technical documentation
- Systems analysis
- Applications programming
- Testing and conversion
- Implementation and troubleshooting
- Database development

Coordination of Stakeholders

- Organizational requirements
- Communication and facilitation
- Principles of information technology, business principles, and negotiation strategies



- Facilitation of stakeholders of e-commerce projects

Project Management and Reporting

- Preparation of project plans
- Monitor status and initiate corrective action when needed
- Perform status reporting, and plan amendments
- Define and track issues through resolution
- Skill in working with all levels of technical and management staff.
- Ability to get work done though others in a matrix organization
- Ability to deal successfully with large amounts of detailed data and information
- Be capable of giving attention to detail while still understanding and dealing with the global aspects of the project
- Objectively assess the appropriateness and accuracy of system plans
- Provide a concise assessment
- Make objective recommendations to the Project Manager, agency executives oversight agencies, and Vendors
- Establishing and maintaining a system of project records
- Gathering data needed to create project reports and documentation
- Use of various software tools to report project progress and document project results

Quality Assurance and Testing

- Provide quality assurance on a major project.
- Development and implementation of quality assurance measures for all aspects of project planning and execution.
- Development and execution of program and system test and acceptance processes.
- Assists project manager in monitoring business related activities
- Assists in resolution of key project issues
- Assists in monitoring and ensuring project scope is controlled
- Assists in identification of project risks, and risk mitigation strategies
- Assists in development of strategies for system development, verification, and implementation
- Ensures that application programs have been thoroughly tested

User Change Management

- Development and implementation of change management processes dealing with user needs and expectations
- Skill in working with all levels of management and line staff.
- Ability to get work done through others in a matrix organization
- Individuals must have skills and personal characteristics that enable them
- Be able to deal successfully with a large variety of management personnel and users
- Capability of giving attention to detail while still understanding and dealing with the global aspects of the project



ATTACHMENT A – Technical Proposal (Excerpts)



Proposal for DIT Pre-Qualified Vendors RFP

Required Vendor Information

Section III –B

1. Vendor Identifying Information

(a) Vendor Name and Address

Name, address of the principle place of business, and telephone number of legal entity for whom the contract is to be written.

Name: Systems Technology Group, Inc.
Address: 3155 West Big Beaver, Suite 220
City, State, ZIP: Troy MI 48084
Phone Number: 248-643-9010

(b) Principle Officers

Name, address and business telephone number of the principle officers (e.g.: President, Vice President, Treasurer, Board Chairperson) of the Vendor Organization.

Name: Anup Popat
Title: CEO
Address: 3155, West Big Beaver, Suite 220
City, State, ZIP: Troy MI 48084
Phone: 248-643-9010 Ext. 102

Name: Shanta Santaprakash
Title: VP, Global Solutions & Delivery
Address: 3155 West Big Beaver, Suite 220
City, State, ZIP: Troy MI 48084
Phone: 248-643-9010 Ext. 111

(c) Organization and Year

Legal status and business structure (corporation, partnership, sole proprietorship, etc.) of the Vendor and the year entity was established.

Status: Systems Technology Group, Inc. (STG) is privately held corporation incorporated in the State of Michigan in 1985.

(d) Employer Identification

Fed. I.D.: 38-2612369
State of Michigan Vendor ID Number: 2382612369 / 006

(e) Vendor Contact

Name, title, address, email, phone and fax numbers for Vendor's RFP Contact.



Proposal for DIT Pre-Qualified Vendors RFP

Name: Anup Popat, CEO
Address: 3155, West Big Beaver, Suite 220
City, State, ZIP: Troy MI 48084
Phone: 248-643-9010 Ext. 102
Fax: 248-643-9250
E-Mail: apopat@stgit.com

2. Contract Performance

Indicate if the Vendor has had a contract terminated for default in the last three (3) years. Termination for default is defined as notice to stop performance which was delivered to the Vendor due to the Vendor's non-performance or poor performance and the issue of performance was either (a) not litigated due to inaction on the part of the Vendor, or (b) litigated and determined that the Vendor was in default. If no such terminations exist, the Vendor is to so declare.

Note: If the Vendor has had a contract terminated for default in this period, the Vendor shall submit full details including the other party's name, address, and phone number. Acquisition Services will evaluate the facts and may, at its sole discretion, reject the proposal on the grounds of past experience.

Termination: If (a) or (b) apply, please attach vendor response as an appendix:

- (a) Not litigated due to inaction on the part of the Vendor
- (b) Litigated and determined that the Vendor was in default

√ (c) **No such terminations exist**

3. Vendor Staff Geographic Service Areas

Vendor to describe service areas in the State of Michigan where staff is available to provide all services being proposed. During the contract, as DIT request services to be provided in specific geographic locations, vendors may negotiate travel expenses outside of this Contract as the user agency budget allows. This question is merely to determine the areas in which the vendor is willing to provide services.

Place a check mark across from each county in which vendor is available to provide services that are being proposed:

Available for all of the counties in Michigan	√
Alcona	
Alger	
Allegan	
Alpena	
Antrim	



Arenac	
--------	--



Proposal for DIT Pre-Qualified Vendors RFP

Baraga	
Barry	
Bay	
Benzie	
Berrien	
Branch	
Calhoun	
Cass	
Charlevoix	
Cheboygan	
Chippewa	
Clare	
Clinton	
Crawford	
Delta	
Dickinson	
Eaton	
Emmet	
Genesee	
Gladwin	
Gogebic	
Grand Traverse	
Gratiot	
Hillsdale	
Houghton	
Huron	
Ingham	
Ionia	
Iosco	
Iron	
Isabella	
Jackson	
Kalamazoo	
Kalkaska	
Kent	
Keweenaw	
Lake	
Lapeer	
Leelanau	
Lenawee	
Livingston	
Luce	
Mackinac	
Macomb	
Manistee	
Marquette	
Mason	



Proposal for DIT Pre-Qualified Vendors RFP

Mecosta	
Menominee	



Proposal for DIT Pre-Qualified Vendors RFP

Midland	
Missaukee	
Monroe	
Montcalm	
Montmorency	
Muskegon	
Newaygo	
Oakland	
Oceana	
Ogemaw	
Ontonagon	
Osceola	
Oscoda	
Otsego	
Ottawa	
Presque Isle	
Roscommon	
Saginaw	
Sanilac	
St. Clair	
St. Joseph	
Schoolcraft	
Shiawassee	
Tuscola	
Van Buren	
Washtenaw	
Wayne	
Wexford	



Proposal for DIT Pre-Qualified Vendors RFP

STG'S ALL-STAR TEAM

STG's greatest asset is our employees. Over 90% of STG's employees have been employed by STG for over 5 years. STG has enjoyed an attrition rate of less than 4% over the past 5 years.

The following table describes the number of full time STG employees and their respective technology skills. Please note that many employees are skilled in more than one technology.

Technology Skills	Junior	Journey	Senior	Expert	Project Manager
J2EE/Java/XML/IBM Websphere/UML/OOAD	4	11	52	41	23
Vignette Content Management		6	22		
Microsoft Internet (ASP/COM/MTS/IIS)		5	23	33	18
Project Managers (PMI Certified)					28
Oracle Applications		5	16	10	
Mainframe		2	15	7	
Wireless (WAP)		9	8		
Database Administrators			21	9	
Data warehouse/ Business Intelligence		4	16	8	
Security		2	5	1	

STG has grown to this extent primarily due to the mutual trust and confidence we have developed with our customers, quality of services we provide to them through our talented work force, and our very competitive pricing model. We continue to focus on these fundamental values as we grow our business. For more information on STG, please see our website at www.stgit.com.

STG is confident that we will successfully perform and meet the expectations of the State of Michigan. STG believes in partnering with our customers towards achieving their vision and goals. During our engagements, STG does not just perform our duties within the scope of our engagement. We leverage our vast experience in systems development and add value by:

- * Suggesting best practices in business and technical processes
- * Exposing out significant issues proactively
- * Identifying areas for improvement



Proposal for DIT Pre-Qualified Vendors RFP

2. Describe how you maintain staff/personnel qualifications and capabilities to deliver IT services.

STG believes that delivering successful IT projects is a factor of great processes and great people. STG's ability to retain and recruit talented IT professionals has been the backbone for the 90% repeat business rate STG has enjoyed over the past 7 years.

STG maintains a delivery portal called PRIDE Online. Through this intranet, STG maintains an employee database that maintains the following information by each individual employee:

- * Technical skills and respective proficiency levels in each skill area
- * Industry experience
- * Application knowledge (i.e. Child Care, Mental Health, etc.)
- * Availability (Estimated Projected Assignment End Date, Not Assigned, etc.)
- * Geographical preference and/or restrictions

STG's database is updated twice daily and this information is available to all STG employees including all Delivery Project Managers, Account Managers, Recruiters, etc.

In addition to PRIDE Online, STG maintains a separate database of pre-qualified IT professionals that STG is assessing for future recruitment. This database is called the Centralized Recruiters Database (CRD).

STG has adopted a strategy that allows for STG to quickly respond and deploy qualified IT consultants quickly. Since STG is recruiting daily for unique staff augmentation service requests, STG's recruiter's jobs include interviewing and qualifying IT professionals that meets these needs. STG's recruiters leverage our corporate memberships with recruiting web sites such as monster.com and hotjobs.com and free sites such as Michigan Talent Bank, Yahoo, and other free job posting sites.

STG contacts qualified candidates that meet specific customer requirements and conducts both personal and technical interviews. In addition, geographical preferences and compensation requirements are stored in the CRD.

It is important to note that STG does not retain candidate data nor markets a candidate for client assignments without the written permission of the candidate.

As a result of STG's pro-active recruiting practice, STG is able to leverage the information stored in the CRD and quickly respond to IT staffing needs. The average amount of time that STG takes to submit resumes to our client's IT staffing needs is less than 3 hours. STG's placement ratio, defined as the ability to submit qualified resumes and fill the IT position exceeds 95%.

STG recognizes that the landscape of information technology industry changes every day. Since technology continuously changes, we must train our employees in new technologies so that as a company, we continue to provide innovative technology solutions to our clients.

STG offers training in the following areas:

- E-Commerce
- Systems Development Life Cycle Methodologies
- Technical Leadership Seminars
- Technical Platform training including: Java, Enterprise Java Beans (EJB), Java Servlets, JDBC, XML, Visual Basic, Active Server Pages (ASP), Component Object Modeling (COM) / DCOM, MTS, IIS, Wireless Application Protocol (WAP), WXML, Oracle 9i, etc.



Proposal for DIT Pre-Qualified Vendors RFP

In addition, STG has alliances and partnerships with several technology companies. This allows our employees to attend technical seminars in the respective company's products and technologies that are specific to our alliance. Further, STG is given beta copies of new application development platforms which helps us retain a competitive edge in being the first to provide leading edge technology solutions. STG has alliances with:

- Microsoft
- Oracle
- Sun Microsystems
- IBM

3. Vendor to describe what their overall approach to managing and delivering a quality project for a CUSTOMER would be.

DELIVERY WITH DISCIPLINE

Based on several years of project delivery experience, at STG we have come to the conclusion that one important factor that distinguishes successful projects from others is the **discipline** with which the projects are executed by project teams. As a result, we have made it a motto in our company to provide Delivery with Discipline. At STG the foundation for cohesive delivery management is provided by:

- Discipline in pursuing opportunities
- Discipline in identifying and articulating solutions
- Discipline in estimating size and complexity of assignment
- Discipline in planning the schedules
- Discipline in organizing project teams
- Discipline in executing project activities
- Discipline in managing projects
- Discipline in understanding and achieving customer expectations
- Discipline in concluding project assignments

The discipline in every aspect of our delivery function is achieved through the use of proprietary methodology called PRIDE.

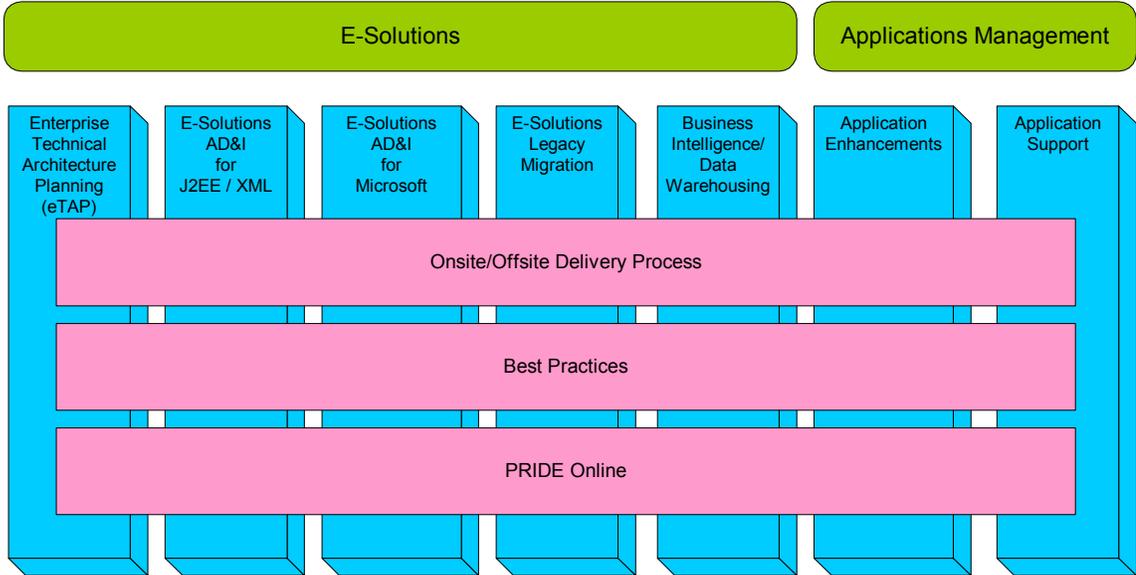
PRIDE

STG achieves Delivery with Discipline in executing its projects using the structure and templates contained within its proprietary methodology called **PRIDE**. PRIDE is an acronym and stands for **Process for Innovation and Delivery Excellence**. It is a framework of processes, methods, templates and best practices that span across all the different phases of Systems Development Life Cycle. Within PRIDE, there are specific Practice Frameworks geared towards specific needs of a given service offering. Please see diagram below for a high level overview of PRIDE:



Proposal for DIT Pre-Qualified Vendors RFP

PRIDE



Project Management Framework

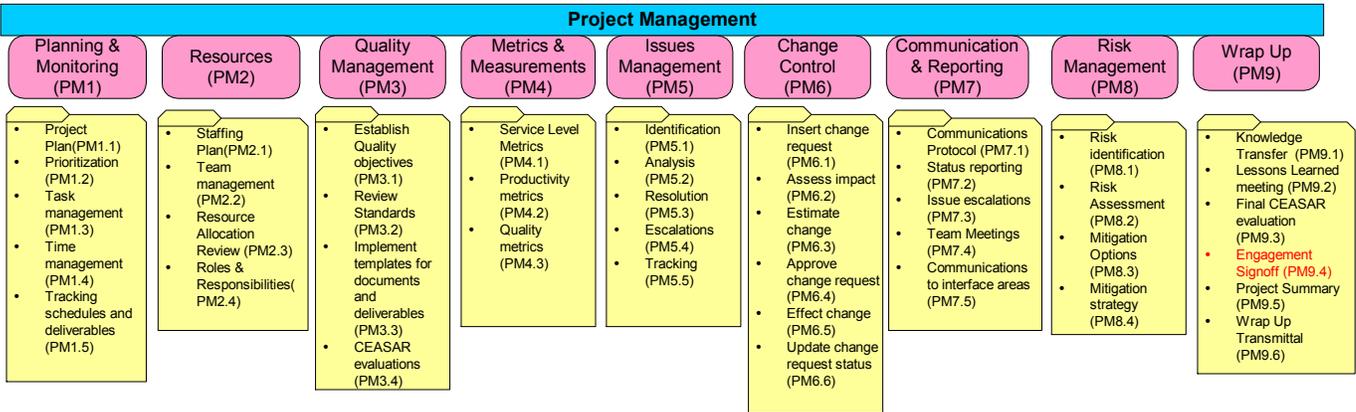
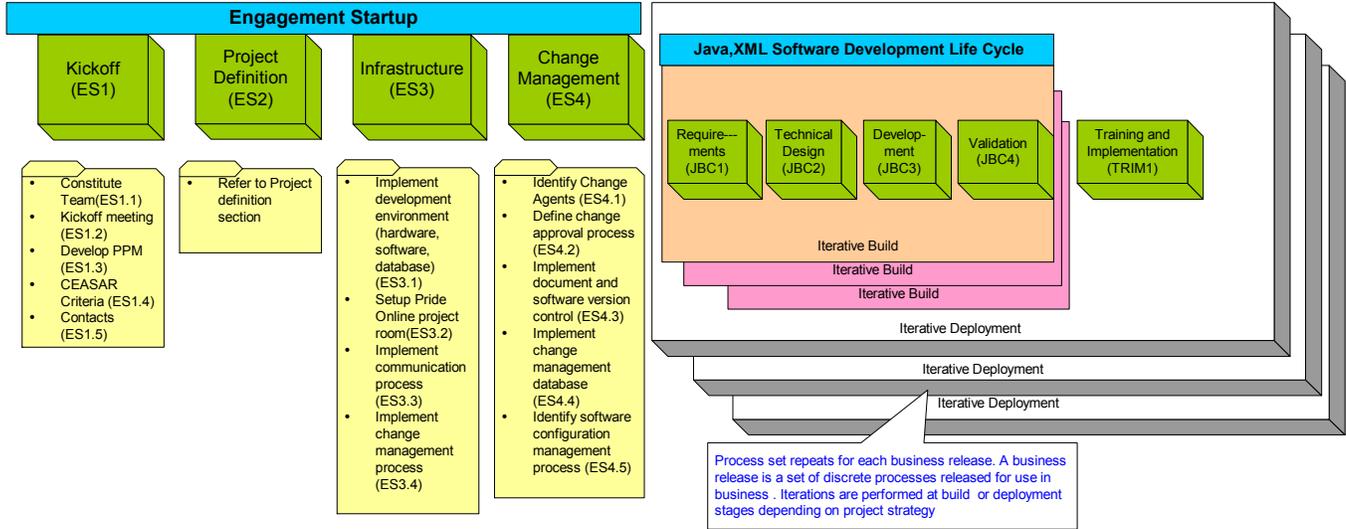
As depicted in diagram above, for each of the 7 service offerings that STG offers, there is a Practice Framework within PRIDE. These practice frameworks contain processes, tools and templates used in executing projects within the service offerings. Vertical blue boxes above indicate the service offerings. The horizontal (pink) boxes indicate rider processes that are applied and made available across all practice frameworks. The above diagram is only an overview. The details are included in separate practice framework documentation. A sample practice framework is included below.

Sample Framework

Included below are the project process flows from our J2EE/XML framework. The framework diagrams depict the flow of multiple stages, key activities and associated deliverables in executing a project using the framework. When determining the solution and process for a given project, STG analyzes the needs of the project solution and selects appropriate activities and deliverables from out of the framework. This allows us to optimize the activities, tasks and deliverables towards achieving the objectives of the project. Underlying these framework activities, there are 'Process Narratives' that explain the detailed tasks to be executed under each activity. These components provide our project teams the ability to quickly determine what needs to be done, when and how.

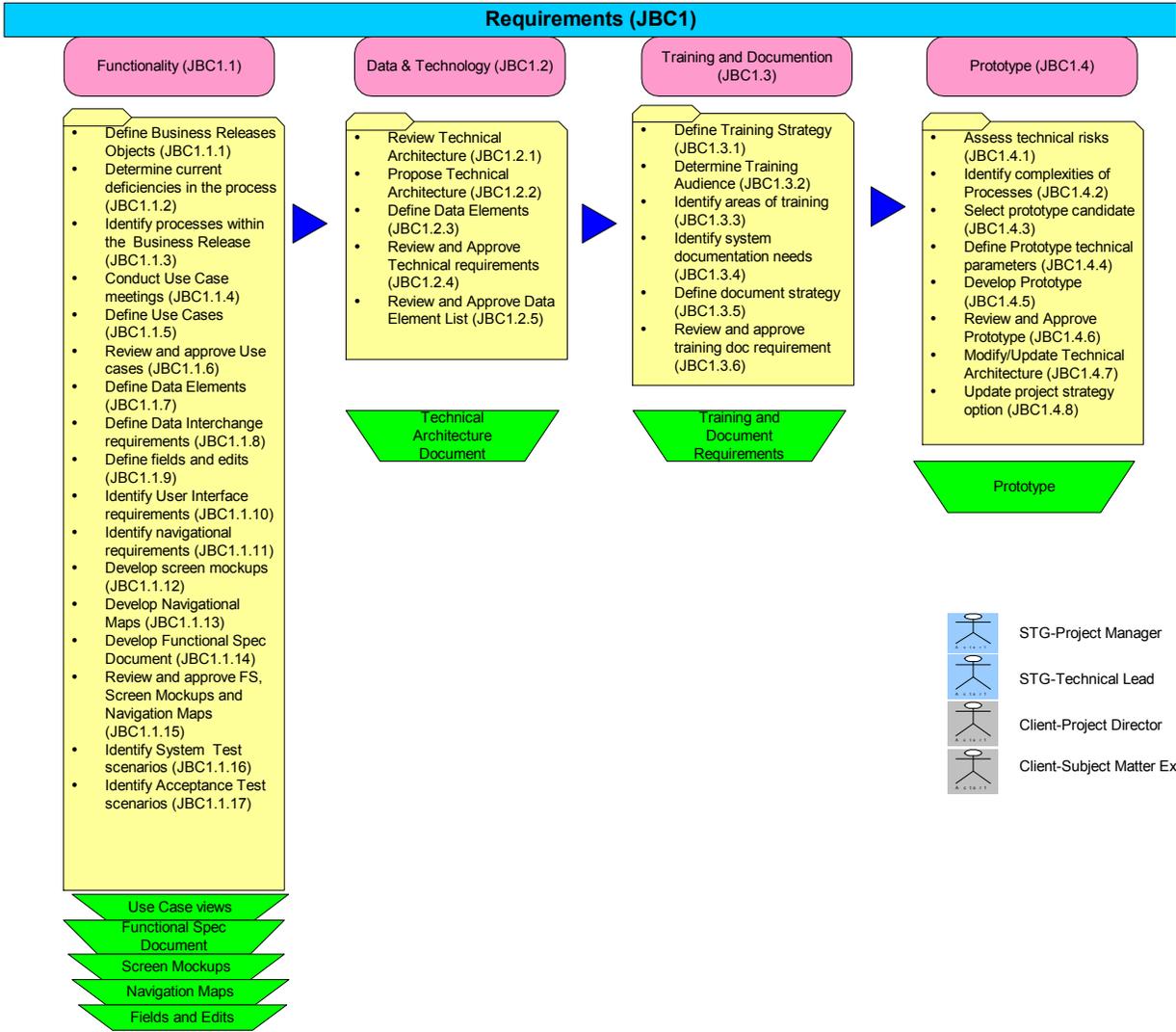


Proposal for DIT Pre-Qualified Vendors RFP



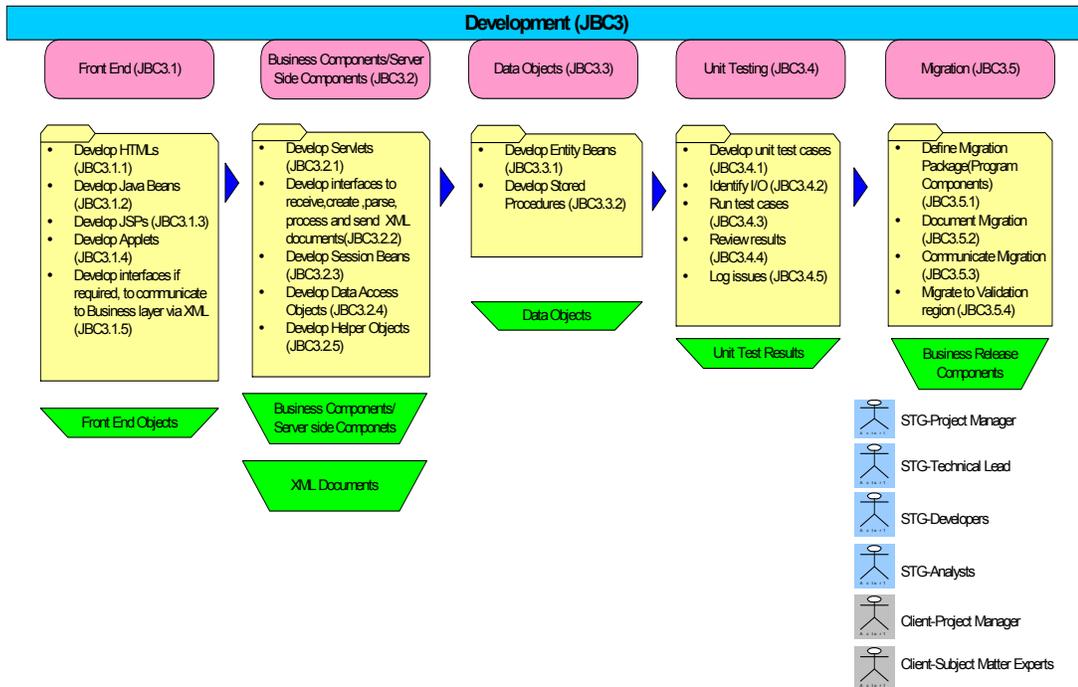
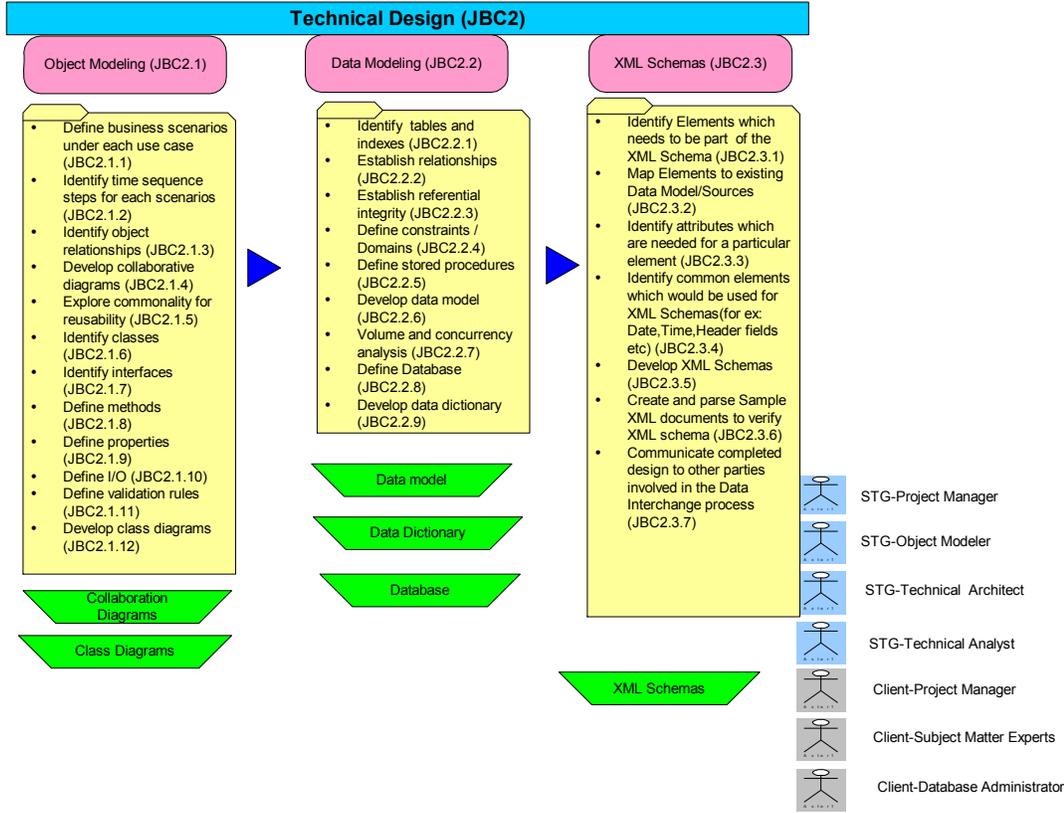


Proposal for DIT Pre-Qualified Vendors RFP





Proposal for DIT Pre-Qualified Vendors RFP



Validation (JBC4)

System Testing (JBC4.1)

- Implement test environment (JBC4.1.1)
- Define test strategy (JBC4.1.2)
- Review System Test Scenarios from requirement phase (JBC4.1.3)
- Identify test conditions (JBC4.1.4)
- Develop system test cases (JBC4.1.5)
- Develop Test Data (JBC4.1.6)
- Implement System Test Environment (JBC4.1.7)
- Migrate to Acceptance Test Environment (JBC4.1.8)
- Execute system test cases (JBC4.1.9)
- Review test results (JBC4.1.10)
- Insert problem reports (JBC4.1.11)
- Review/Fix problem reports (JBC4.1.12)
- Approve test results (JBC4.1.13)
- Update/close problem results (JBC4.1.14)

System Testing Results

Acceptance Testing (JBC4.2)

- Constitute test team (JBC4.2.1)
- Implement test environment (JBC4.2.2)
- Define test strategy (JBC4.2.3)
- Develop test cases (JBC4.2.4)
- Execute Acceptance test cases (JBC4.2.5)
- Review test results (JBC4.2.6)
- Insert problem reports (JBC4.2.7)
- Review/Fix problem reports (JBC4.2.8)
- Approve test results (JBC4.2.9)
- Update/close problem reports (JBC4.2.10)
- Acceptance test sign-off (JBC4.2.11)
- Migrate modules to production staging (JBC4.2.12)

Acceptance Test Results



STG-Project Manager



STG-Technical Lead



STG-SQA



Client-Project Manager



Client-User group



Proposal for DIT Pre-Qualified Vendors RFP

Training and Implementation (TRIM1)

Training (TRIM1.1)

- Develop user manual (TRIM1.1.1)
- Develop system administration manual (TRIM1.1.2)
- Develop training plan (TRIM1.1.3)
- Conduct training (TRIM1.1.4)
- Develop JavaDocs (TRIM1.1.5)

User Manual

System Administration Manual

Java Documentation

Rollout (TRIM1.2)

- Schedule rollout (TRIM1.2.1)
- Perform Hardware Installation (TRIM1.2.2)
- Perform Software Installation (TRIM1.2.3)
- Perform Database Setup and Normalization (TRIM1.2.4)
- Receive program, database and technical architecture changes (TRIM1.2.5)
- Communicate final rollout plan (TRIM1.2.6)
- Implement changes in production (TRIM1.2.7)
- Conduct lessons learned meeting (TRIM1.2.8)
- Identify changes to processes (TRIM1.2.9)
- Provide feedback (TRIM1.2.10)

Final System



STG-Project Manager



STG-Technical Lead



STG-SQA



Client-Project Manager



Client-Subject Matter Experts



Proposal for DIT Pre-Qualified Vendors RFP

PRIDE Online

Besides having well defined processes for delivering projects, STG has a delivery portal called PRIDE Online. PRIDE Online hosts several applications that project teams use to cohesively interact within the team and manage their operations effectively. PRIDE Online consists of virtual rooms as below:

Process Room – Hosts all the methodology frameworks and underlying details and documents. Project teams can refer to these documents as well as download templates when necessary.

Project Room – A virtual project room setup for each project, providing access not only to STG team members but also to authorize client personnel. Within the project room, there are several functional components such as Status Reports, Change Requests, Meeting notes etc. These functional components centralize and automate the recording, tracking and management of various project tasks. STG's delivery management accesses the project rooms to view current status of projects and interface with the project management team to address issues if any in a proactive manner.

In addition to facilitating various project tasks, PRIDE Online project room also provides a mechanism to preview project application deliverables in the case of web applications. These preview capabilities provide clients and project teams to get early feedback on the deliverables and also provide means for assessing the status of the project.

Knowledge Room – This room stores information on completed engagements as well as other knowledge assets such as white papers, news publications etc. Our employees would use this room for referring to project archives and other technical documents.

Corporate Room – This room allows our employees to interface with the corporate office for all support functions, including Human Resources and Finance related activities.

Admin Room – This room allows the site administrator to perform administrative functions. Please see diagram for an overview of PRIDE Online.



Proposal for DIT Pre-Qualified Vendors RFP

Process for Innovation & Delivery (PRIDE) PRIDE Online Overview

Admin Room

- User Administration
- Application Administration
- User-Application Security

Corporate Room

- HR & Benefits Info
- Corporate Messages
- FAQ

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Project Room

- Project management processes
- CEASAR
- Meetings (Scheduling, Deliverables, Minutes repository)
- Problem Reports
- Change Requests
- Issues Management
- Test Case management
- Delivery & Signoff
- Migrations
- Time Reports
- Status Reports
- Project Impact Report
- Project Documents Repository

Project Teams

PRIDE
Online

Clients

Process Room

- Frameworks (Flows, Descriptors, RRCs, Org Charts, Estimation Models)
- Forms & Templates library
- Tools library
- Best Practices
- Development Model
- Presentations and Brochures

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Knowledge Room

- Project Archives - Archives of completed projects
- Proposals Repository
- STG Library - Books/ Software
- Technical References - Internal / External Resources
- Best Practices
- Lessons Learned

Work Queue

Chat Rooms

Document Download

Calendar

Email Alerts

Search

Contact List

Message Boards

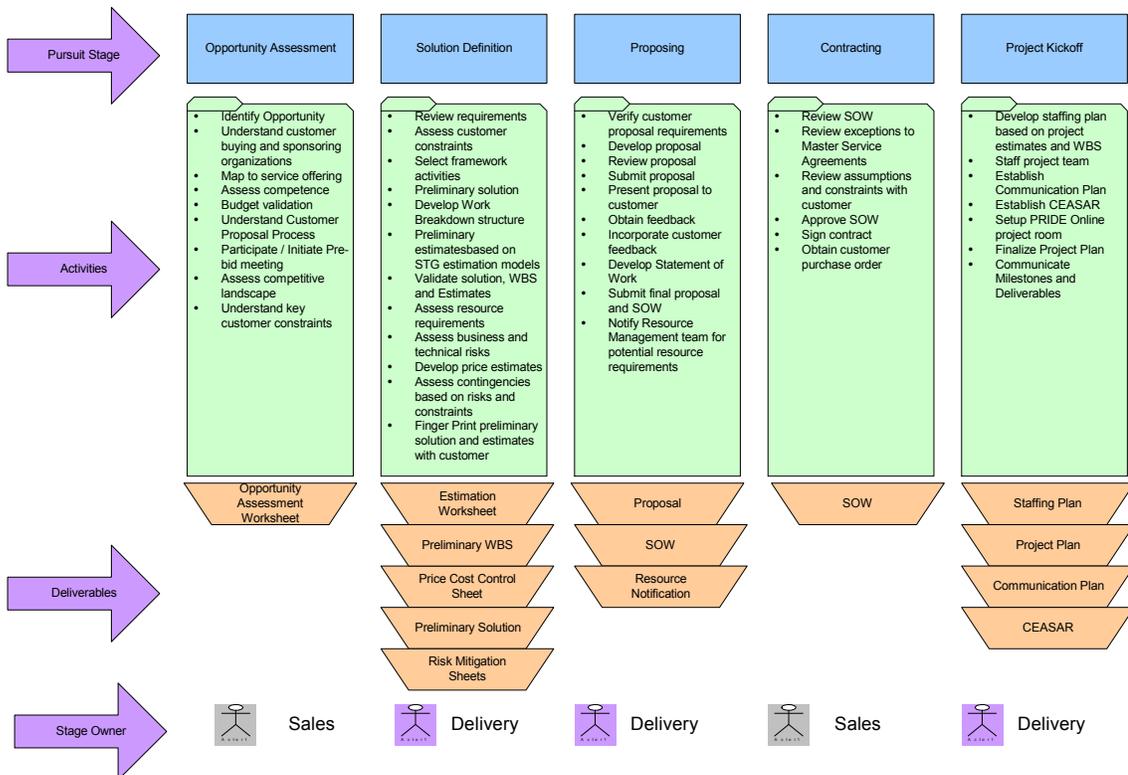


Proposal for DIT Pre-Qualified Vendors RFP

PURSUIT MANAGEMENT

One of the most frustrating experiences for a customer buying IT services is when the delivery team says that it cannot execute the project in the manner it was proposed by the sales team. Usually in IT services organizations, the sales team and delivery teams do not necessarily work together in defining the proposal. Sales teams make commitments to the customer that the delivery team cannot execute. Such situations result in dissatisfied customers, missed business opportunities and inability to achieve organizational objectives. At STG we are determined to completely avoid this issue. Our pursuit management process provides us the discipline of involving the necessary personnel during the pursuit. This avoids conflicts and provides an effective method for identifying and proposing the best solution to our customers. The diagram below depicts the flow of our pursuit management activities. Please note that the Delivery team owns the most important stages in landing an opportunity. This allows to 'talk the walk and walk the talk' in the best possible manner.

PRIDE Pursuit Management Process





Proposal for DIT Pre-Qualified Vendors RFP

Project Management

STG's PRIDE methodology includes a framework for Project Management (PMF). This framework allows us to consistently and efficiently manage our projects. The processes within the framework act as guide points to proactively manage issues in a project thereby minimizing project delays and inefficiencies. The framework encompasses several tools and templates to be used in the day-to-day operations of a project. It enables proactive communication within and outside project teams. **STG's Project Management Framework is fully compliant with State of Michigan Project Management Methodology (PMM).**

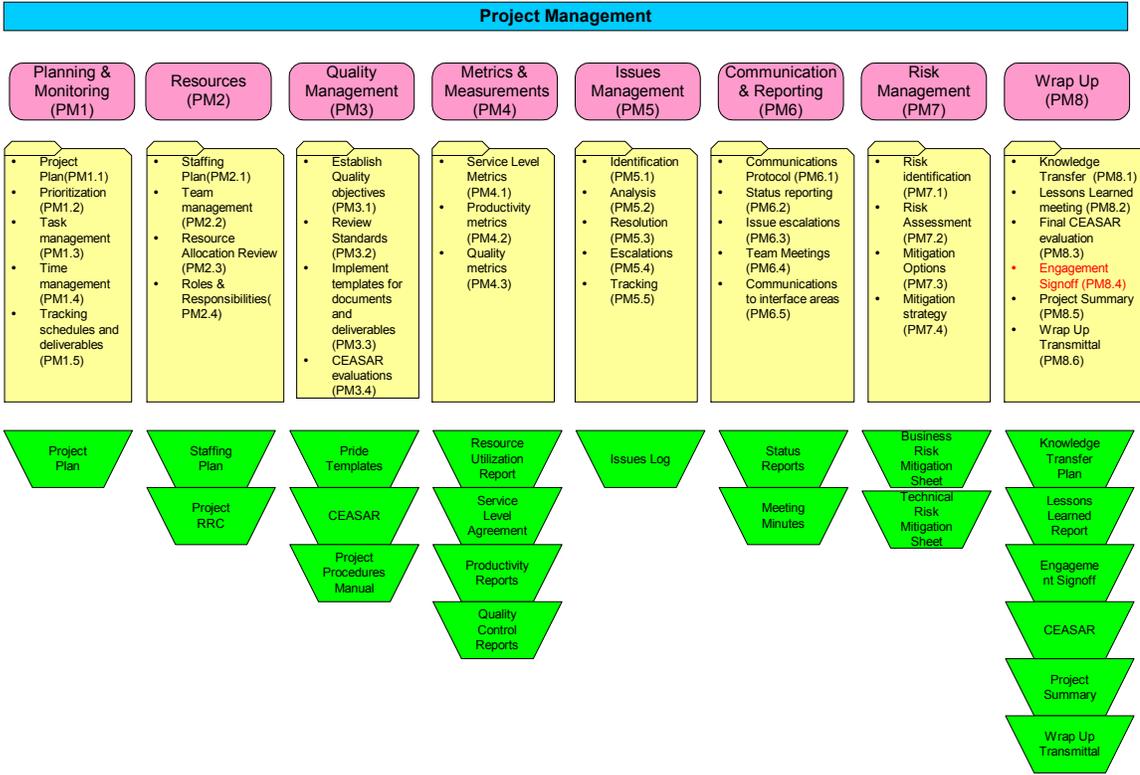
The PMF addresses all important aspects of project management including

- * Planning & Monitoring
- * Resources Management
- * Quality Management
- * Metrics & Measurements
- * Issues Management
- * Communication & reporting
- * Risk Management and
- * Wrap up

An overview of our Project management Framework is provided in the diagram below:

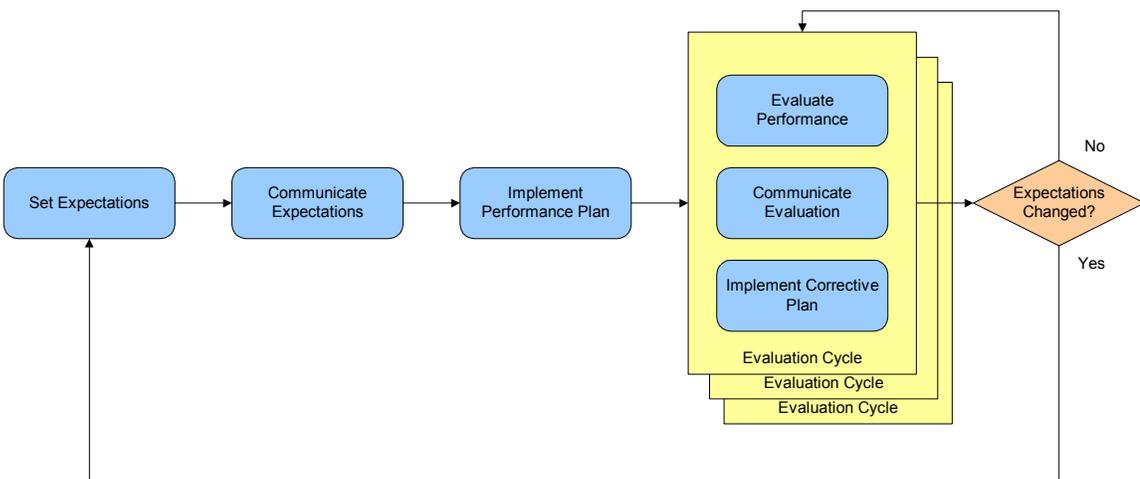


Proposal for DIT Pre-Qualified Vendors RFP



CEASAR

CEASAR is an acronym and stands for “**Customer Expectations and Satisfaction Assessment Report**”. It is a soft process for understanding and documenting customers’ expectations and assessing their satisfaction over STG’s performance in a particular engagement. It provides a quantitative method of assessing customers’ satisfaction and therefore allows analysis with much less ambiguity. It includes a form (paper and electronic) used to capture expectations and review performance against those expectations at a later date. Through CEASAR process, project teams clearly understand and appreciate customers’ expectations and tailor their behavior and performance accordingly. Our customers have time and again appreciated the value CEASAR provides from a performance satisfaction perspective.





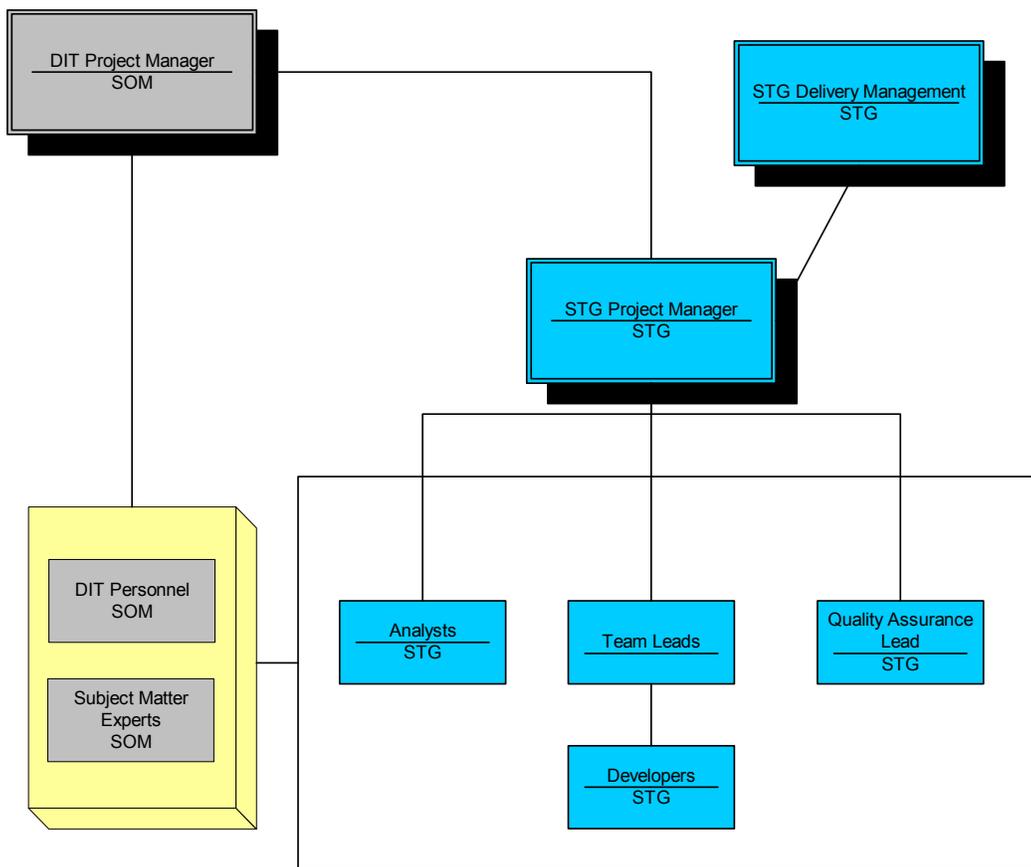
Proposal for DIT Pre-Qualified Vendors RFP

4. Project Team Structure and Project Monitoring Process

TEAM STRUCTURE

STG assigns project teams from out of its pool of highly talented employees. STG's team members have several years of experience in developing and implementing applications across various technology areas. Our employees are technically very competent and exhibit a professional attitude with strong work ethics. They are very flexible in their approach and demonstrate excellent analysis and problem solving skills. Our employees interact very well with users, clients and other members of the project organization.

The structure and size of project teams will vary depending on the needs of the project assignment. However, typically our project teams are lead by a Project manager. Reporting to the Project Manager will be Team Leads, Analysts and Developers depending on the needs of the project. A typical Project Organization Chart is included below.



STG Project Manager will report to the client Project Manager. Our project team members interact directly with the client project team personnel. STG Project Manager also simultaneously reports to STG Delivery Manager who oversees multiple project execution at one time. In cases where an STG Project Manager is not required to be assigned to the project, STG team members will directly report to the client Project manager or any other personnel that may be nominated to manage and supervise STG team members' work.

INTERNAL CONTROLS AND COMMUNICATION



Proposal for DIT Pre-Qualified Vendors RFP

As indicated in the Project Team Structure above, in addition to the onsite project manager, STG also assigns a Delivery Manager that oversees the execution of multiple projects. Our delivery managers are responsible for ensuring that the STG project team is performing in an efficient and effective manner towards servicing our customers. The STG Delivery manager also acts as a coach to STG Project manager towards important project issues. While the operational management of the projects vests with the STG project manager, STG Delivery manager participates in project status meetings regularly. STG Delivery manager also participates in Project Steering Committee meetings.

STG's project management framework provides the necessary controls and measures for assessing and monitoring the progress of the projects. This includes the following:

Project Plan

STG Project manager will develop a detailed project plan incorporating all the activities and tasks in the Work Breakdown structure. The plan includes the various milestones, deliverables and external dependencies to the project. Resource assignments are tracked and leveled regularly. Team members get Task Sheets on a weekly basis. The task sheets include the list of tasks they are required to be working on during a week period. It communicates the priority in which these tasks need to be undertaken. The project plan is updated regularly for individual task status. STG Project manager will generate weekly reports such as "Late Tasks", "Task Overage", "Resource Utilization" etc. These reports are analyzed to undertake corrective action from time to time.

Status Meetings

STG Project Manager will convene weekly status meetings involving client and STG project team members. All STG team members report individual statuses. All key issues are discussed. Action Items arising from these meetings are tracked for follow up.

Engagement Status Reports

STG Project Manager submits a weekly status report to the client Project Manager and STG delivery management. A Sample Status Report template has been included below. The Status Reports highlights the plans and achievements on a weekly basis. It also provides a list of key issues affecting the progress of the project.



Proposal for DIT Pre-Qualified Vendors RFP

Engagement Status Report

Division	
Client Id	
Client Name	
Engagement Id	
Engagement Name	
Engagement Start Date	
Project Manager Name	
Start Report period	

Status:

Planned Accomplishments for this period (Start Date – End Date):

Milestones:

Deliverables:

Signoffs:

Accomplishments During the Period (Start Date – End Date):

Milestones Achieved:

Deliverables Completed:

Signoffs obtained:

Other:

Missed Milestones/Deliverables *(list milestones/deliverables missed and reasons for the same)*



Proposal for DIT Pre-Qualified Vendors RFP

Planned Accomplishments for next period (Start Date – End Date):

Milestones:

Deliverables:

Signoffs:

Important Client Meetings Held:

Project Issues affecting progress towards current and upcoming milestones:

Issues requiring immediate STG management attention:

Resource Changes:

Resources Added:

Resources Released:



Proposal for DIT Pre-Qualified Vendors RFP

Milestones/Deliverables Schedule:

List all project milestones & deliverables.

Milestone/Deliverable	Original Plan Date	Current Forecast Date	Actual date

Utilization

Total ETC Hours (Including PIRs)	
Hours utilized till end of previous period	
Hours utilized during current period	
Hours earned based on accomplishments	
Current ETC	
Forecast Project End Date	

PIRs

PIR Id	Description	ETC Impact	Schedule Impact	Cost to customer

CEASAR

CEASAR Setting Date	
Last CEASAR Evaluation Date	
Last CEASAR Rating	

_____ Date: _____

(Project Manager)
Name:



Proposal for DIT Pre-Qualified Vendors RFP

Earned-Burned Metrics

STG Project management includes several metrics that allow the STG project manager and STG delivery management to assess the various parameters such as productivity, quality etc. One of those is our Earned Burned Report. The Earned Burned report provides a mathematical representation of the number of hours utilized by a project team in comparison to the size of the tasks completed. In other words, if a developer utilizes 40 hours in a workweek and completed 2 tasks whose total effort estimate is 36 hours, the Earned-Burned ratio is calculated as $36/40 = 90\%$. Our goal would be to achieve as close to 100% as possible. When the ratio consistently falls below 95%, the Project manager can look into the causes of such deficiency in productivity.

Service Level Metrics

In Applications Management engagements, we establish Service Levels with our customers. These service levels could pertain to several aspects including number of trouble tickets addressed during a period, number of program errors per unit of program, number of test cases tested and approved during a certain period etc. STG Project manager tracks these service levels on a periodic basis and reports the same to the Client Project manager as well as STG Delivery management.



Proposal for DIT Pre-Qualified Vendors RFP

Certificates and Assurances

I/We make the following certifications and assurances as a required element of the solicitation document to which it is attached, understanding that the truthfulness of the facts affirmed here and the continuing compliance with these requirements and all requirements of the Request for Proposal (RFP) are conditions precedent to the award or continuation of the related Contract(s).

a) The prices quoted in the response to which this Certification and Assurances is attached (the Response), have been determined independently, without consultation, communication or agreement with others for the purpose of restricting competition.

b) The attached Response is a firm offer for a period of one hundred twenty (120) days following the Response Due Date specified in the RFP, and it may be accepted by the State of Michigan Department of Management & Budget, Acquisition Services without further negotiation at any time within the one hundred twenty (120) day period.

c) In preparing this Response, I/We have not been assisted by any current or former employee of the State of Michigan whose duties relate (or did relate) to this particular RFP, or prospective Contract, and who was assisting in other than his or her official, public capacity. (Any exceptions to these assurances are described in full detail on a separate page and attached to this document.)

d) I/We understand that the Department of Management & Budget, Acquisition Services and/or DIT will not reimburse us for any costs incurred in the preparation of this Response. All Responses become the property of the Department of Management & Budget, Acquisition Services, and I/we claim no proprietary right to the ideas, writings, items or samples unless so stated in the Response. Submission of the attached Response constitutes agreement to abide by the procedures described in the RFP document.

e) I/We understand that any Contract awarded as a result of this Response will incorporate all the RFP requirements, the contents of this Response and all Primary Contract Terms and Conditions appearing in Exhibit B of the RFP. Submission of a response and execution of this Certifications and Assurances document certify vendor's willingness to comply with these or substantially similar terms if selected.



Proposal for DIT Pre-Qualified Vendors RFP

f) I/We understand that repeated failure to provide services in a county noted on Management Proposal Requirements, *Vendor Service Area Checklist*, may be, at the sole discretion of Acquisition Services, grounds for removal of firm from the **PAVL** without penalty.

g) I/We understand that if selected to participate as a pre-qualified vendor and I/We fail to sign the Contract within ten (10) business days of delivery of the final Contract to us, the State may elect to remove our name from the list without penalty. I/We agree to participate in the Second Tier Work Request Process described in Section 1 and summarized in Exhibit C.

h) I/We assure that a Certificate of Insurance will be provided within 15 days after the execution of a Primary Contract in compliance with specifications stated in Exhibit B.

Vendor (or Authorized Representative) **original** Signature: _____



Proposal for DIT Pre-Qualified Vendors RFP



Rajesh Srinivas, PMP

SUMMARY

Rajesh is a Solutions Manager in STG; he is a member of the STG GSD Leadership team and is an excellent contributor to our strategic initiatives. He has over 8 years of information systems experience in Web based Systems Client -server and ERP systems. His experience includes Project Management, Business Analysis, System Analysis, Design, Development and Implementation.

EDUCATION/CERTIFICATES

Masters in Business Administration (Finance and Systems), B.I.M., India
Bachelor of Science (Physics), Madras Christian College, India
Project Management Professional (PMP # 267982) from Project Management Institute (PMI)
Sun Microsystems Certified Java Programmer for the Java 2 Platform (88%)
Certified Techmetrics Java 2 Programmer (Brainbench)
IAATA/UFTAA (GENEVA) Standard Certification

TECHNICAL SKILLS

Web based technologies; ERP Systems, Database Designs and Implementations

PROFESSIONAL EXPERIENCE

Kmart Corporation thru Systems Technology Group, Troy, Michigan

April 2000 – Present

Vendor Compliance System: This project was started to ensure that the client was able to put a figure to the losses that are caused due to its vendors not supplying as per specifications. This could be due to anything from an early/late delivery to defective merchandize delivered. The implementation involved development of a Microsoft ASP / COM based application deployed on the Intranet.

STG leveraged its PRIDE methodology for this Microsoft Application Development & Integration engagement.

His responsibilities as a Project Manager included:

Managed the delivery process for the web components of this Microsoft Internet based Vendor Compliance application
Established CEASAR ratings/evaluations with client. Develop and establish quality and productivity metrics
Developed Project Plan and responsible for task management, schedule tracking and deliverable management
Responsible for staffing plan, team management, and resource utilization. Responsible for establishing quality objectives & standards based on client input. Leveraged STG Project Management Framework and PRIDE templates
Responsible for issue identification, resolution and tracking. Responsible for change control and impact assessment. Responsible for communication and status reporting to both client and STG delivery management
Responsible for risk identification, assessment and mitigation strategies
Responsible for Knowledge Transfer Plan and engagement wrap up



Proposal for DIT Pre-Qualified Vendors RFP

DaimlerChrysler Corporation thru Systems Technology Group, Troy, MI
1999 – April 2000

December

ITM Component Quote Management System: This project was initiated to automate the quote process in all the seven plants that are involved in the manufacture of components for a major Detroit based automotive company and are owned by it. It was decided that the implementation would be thin client three tier architecture.

The front end was designed in HTML and connected through Java Servlets to Enterprise Java Beans where the business logic would reside.

His responsibilities as a Project Manager included:

- Managed the delivery process for the web components of this J2EE based application
- Conducting a thorough functional analysis and documenting findings from user group meetings
- Lead the GUI Design for the application based on the inputs received from the user group meeting and the business analysts
- Responsible for task management, time management, and tracking of schedule and deliverables.
- Responsible for issue identification, resolution and tracking. Responsible for change control and impact assessment
- Responsible for communication and status reporting to both client and STG delivery management

Logic Soft Exports Pvt. Ltd.,

May 1998 – November 1999

Internet and Intranet Inventory Solutions (Project 3IS): This project was the implementation of the company's intention to have a web enabled information system to interact with its clients. The project would include the communication requirements between the branches for the application implemented. This Intranet will enable the various branches to be updated with the latest available information.

The web pages use stored data from the company's database and represent them in a graphical format. The clients' applets would talk through CORBA layer to the Object implementation at the server end.

His responsibilities as a Project Manager included:

- Responsible for task management, schedule tracking and deliverable management. Responsible for staffing plan and resource utilization. Responsible for establishing quality objectives
- Responsible for issue identification, resolution and tracking. Responsible for change control and impact assessment
- Responsible for communication and status reporting to both client and STG delivery management
- Responsible for risk identification, assessment and mitigation strategies

Intranet Solutions: The client's group of companies undertook the development and implementation of Intranet application to ensure availability of employee information across departments including employee medical reimbursement forms, salary advances, leave application and number of days worked

His responsibilities included:

- Analysis, Design, Development and Implementation including interacting with the users of this application
- Used HTML to present the user interfaces. JavaScript was used to do the basic front-end validations
- Coded menu driven Applets as User Interfaces. Database access was implemented through JDBC-ODBC Bridge
- Used SQL queries for storage and retrieval of data from the database



Proposal for DIT Pre-Qualified Vendors RFP

Performed unit testing of the coded modules and documentation. IQA based on checklist

**Thomas Cook (India) Ltd.
1998**

November 1996 – May

Activities:

This project involved detailed study of all processes and creation a rough Data Flow Diagram (DFD), which was finally used as a base for the BPR activity by the team -Ten of which I was an active member. A final report on the modified business processes was presented to the management and approval was got for the same.

Project ad-hoc reporting - Worked in the generation of reports and forms for specific Foreign Exchange activities. These had to be customized across regions as the reporting requirement varied from branch to branch. \

Apart from contributing in the above I managed the following project:

Customer Information System: The marketing team to maintain and improve relationship with their clients extensively used this system. The system provided for customer analysis in terms of business generated then implemented across branches.

His role as a Project Manager involved:

Initiating the effort by clearly defining the requirements as the user base was large and there were varying objectives.

Planning on the requirements and resources. For a highly functional organization to provide resources for a project is quite a challenge. This was also the biggest risk factor. Convincing the management on the estimates and schedules.

As resources came from varying functional silos and locations, control and execution was of paramount importance. Certain formal authorizations to this end were obtained. Providing the deliverables to the senior management on time.

Project closing and release of resources to the respective departments. These also involved accounting entries for funds used up during the project phases.

**Cholamandalam Investment and Finance Company Ltd.
October 1996**

September 1994 -

Responsibilities:

As a part of the Corporate Finance department, he was involved in locating potential corporate customers to whom funding could be extended based on their Balance Sheets and their market standings. During His tenure in the Securities department, he was involved in the secondary market operations of various large investors and stockbrokers in the city of Madras. During the course of his stay in Cholamandalam, he was involved in the creation of the software that was widely used by the Marketing Team.



Proposal for DIT Pre-Qualified Vendors RFP

RAJ GAJAPATHI



SUMMARY

Over ten years of experience in progressively responsible positions gathering requirements, performing OO analysis, design, database modeling and development of financial and business applications. Have a strong experience and background in performing Database Analysis, Design, Data-Modeling and developing Stored Procedures. Worked extensively using SDLC, Object-Oriented and Structured Methodologies. Extensive experience with developing GUI applications connecting to backend RDBMS like Sybase, Oracle, SQL Server and DB2. In-depth knowledge of Client-Server architecture, distributed systems and J2EE architecture using Java Beans, Java Servlets and JSP.

EDUCATION, CERTIFICATION & TRAINING

M.S. in Computer Science, Marist College, NY

Post Graduate Diploma in Systems Management, NIIT, Madras, India

IBM Certified Specialist - IBM WebSphere Application Server Standard Edition, V3.5, December 2001

Sun Certified Java Web Component Developer for J2EE & Java Programming, November 2001

Object Oriented Analysis and Design, April 2000, Rational Corporation

Introduction to XML & EJB, Java Beans, Servlets, JSP August 2001

TECHNICAL SKILLS

Hardware: SunSparc 4/470, HP-9000, and IBM Compatibles under Novell NetWare platforms or OS/2 LAN Server or Window NT

Network: Novell NetWare, Windows NT, OS/2 LAN Server, Banyan

OS: UNIX, SunOS Ver 4.1 (Solaris), HP-UX, MS-DOS & MS-WINDOWS, Windows 95, OS/2 2.1

Software: PowerSite, PowerDynamo, PowerBuilder, Macromedia DreamWeaver

Ultradev 4.0, JBuilder 3.0, Visual J++, ORACLE Forms 3.0, Clipper

5.0, FoxBase, Visio Professional, MS Office

Language: Java 2.0, JSP, JavaScript, HTML, XML, SQL, C++

Server: BEA Weblogic 4.1, IBM WebSphere 3.5, Microsoft IIS, Jaguar CTS, Apache Tomcat 3.1

RDBMS: SYBASE System 11, ORACLE 7.1/7.0/6.0, SQL Server, DB2, Adaptive Server, SQL Anywhere, Watcom SQL

CaseTools: Rational Rose 2000, PowerDesigner, ORACLE CASE * DESIGNER, ERWin 2.5, ProVision Workbench 2.0

Industry: Automobile, Natural Gas, Manufacturing, Retail, Chemical, Advertising, Credit Card Processing, Education, Insurance

PROFESSIONAL EXPERIENCE

DaimlerChrysler Corporation, Auburn Hills, MI

January 2002 -

Current

Senior Systems Analyst

Time of Sale Reporting Portal Project – COIN Module This system is currently being developed for the DealerConnect Portal System @ Daimler Chrysler Corporation to be used by all the Dealers of Daimler Chrysler Corporation all around the world. This system uses J2EE Connector Architecture (JCA) connecting to CICS transactions using IBM's CICS Transaction Gateway to invoke CICS transactions from the Web front-



Proposal for DIT Pre-Qualified Vendors RFP

end. Our team was responsible for the design, development and implementation of the Customer Ownership Information Network (COIN) module. This module had Customer, Vehicle Information and other relevant details pertaining to a Vehicle captured through this sub-system. Other salient feature of this system was generating dynamic PDF Reports. This system is currently being migrated to Production.

Achievements:

- Co-manage the deliverable successfully. Identify issues and interact with different teams within Chrysler Corporation
- Responsible for maintaining DealerConnect standards on this Project

Technology: VisualAge for Java, J2EE 2.0, Java Beans, Enterprise Access Beans (EAB), Java Servlet, Java Server Pages, IBM WebSphere 4.0 Application Server, and SiteMinder

**Campbell-Ewald thru Spherion Technology Architects
2001**

March 2001 – December

Team Lead

Employee Resume Management System: This system was developed as a multi-user system, to manage employees' skill-set in a secure environment. A search facility is built into the system. Migration to production will be in IBM WebSphere Application Server

Achievements:

- Identified manual process that required automation. Gathered Requirements and performed OO Analysis and Design. Database Analysis, Design and Data Modeling.
- Develop process for migration of Database from Access to DB2. Managed Project Resources, Tasks and Implementation

Technology: Macromedia DreamWeaver Ultra Dev 4, Java Beans, Java Servlet, Java Server Pages, Apache Tomcat 3.1 Application Server, DB2 UDB 6.0, Rational Rose 2000

**ANR Pipeline Company, MI through Spherion
2001**

October 1996 – February

Technical Specialist

Gas Energy Management System Achievements:

- Mentored the team with standards and tool usage. Involved in the Database Analysis, Design and Data Modeling for all applications
- Timely completion of the Contract subsystem one of the major functional areas, saving the client, thousands of dollars per day as fine. Re-designed and implemented a system using new architecture, standards and rules, simplifying maintenance.
- Analyzed, designed, developed and implemented an Invoicing system to replace the existing mainframe system, which was not Y2K compliant and having it ready before year 2000 saving the client thousands of dollars to maintain their existing legacy system
- Implemented an Invoice generation package for the Cashout system which saved about 160 person-hours per month for the client. Implemented a rules based system for the Invoicing system, which simplified changing business requirement to be accommodated without any major impact to the code
- Developed common objects to be used by the entire team to reduce redundant object development



Proposal for DIT Pre-Qualified Vendors RFP

Developed Implement Stored Procedures to interact with the database for the purpose of data manipulation.

ANR Pipeline is primarily involved in the business of natural gas transportation through their pipelines and storage of natural gas in their wells for their clients.

Technology: Microsoft IIS, HTML, JavaScript, PowerSite, PowerDynamo, PowerDesigner, Adaptive Server, SYBASE System 11, Jaguar 3.0, PowerBuilder 5.0 – 7.0, PowerTool 4.1, ProVision 2.0, Visio Professional, Citrix, Maestro, Pentiums connected through Windows NT

**BASF Corporation, MI through RPM Systems
September 1996
Team Lead / Architect**

September 1995-

Urethane Testing Lab Achievements:

Integration of test results with the application. OO Analysis, Design, Database Analysis, Design and Data Modeling
Database generation directly from the ER model

This system was developed for BASF Corporation. BASF Urethane Lab does testing of products that are handed from the Submitters. Job involved analysis and design using OMT methodology, design of the database using ERWin 2.5, design and development of base class library using PowerBuilder 4.0 and development using PowerBuilder 4.0 with ORACLE as the backend. The total number of users this system has is 100 with about 20 active users at any point of time.

PowerBuilder 4.0, PowerFrame 3.0, ORACLE 7.1.4.1.0, ERWin 2.5, COMPAQ 486 and Pentiums connected through Novell NetWare.

**Cap Gemini America Inc.
Systems Analyst**

July 1994-July 1995

First Data Corporation, Omaha, NE, Settlement Into the Future Achievements:

Developed GUI standards for the team. Analyzed and Designed the client-server side of the system
Also involved in the Database Analysis, Design and Data Model of the different sub-systems and integrating with the other sub-systems involved. Involved in iterative development starting with a prototype before building the full functional system

ORACLE CASE * DESIGNER, Prototyping screens using PowerBuilder 3.0a with WATCOM SQL in the back end. Development of the modules using PowerBuilder 4.0 in the front-end using SYBASE 4.9.2 and ORACLE 7.0 as the backend. Configuration comprises of SUN SPARC 4/470, IBM 3090E, IBM PS/2 connected through NOVELL NetWare, ORACLE 7.0, PowerFrame 2.0 for Base Classes, PRO * C 2.0, OMNI Server Gateway.

Other Projects from 1989 – 1994:

**Hartford Steam Boiler, Hartford, CT (Underwriting Management System)
Feb1994-Jun 1994**



Proposal for DIT Pre-Qualified Vendors RFP

Marist College, Maintenance Department, NY (Maintenance Work Order Tracking System) 1993-Dec 1993	Mar
Jai Hind Stores (Video Library Management System) 1993-Oct 1993	Sept
Marist College, Student Academic Affairs, NY (Performance Evaluation and Monitoring System) Jan 1992-Aug 1993	
Sholingur Textiles Corporation, India (Deposit Accounting System) 1990-Aug 1991	Jun
Madras Gymkhana Club, India (Stores Management System) 1989-Jun 1990	Nov
Ponds (India) Limited (Redistribution Sales Analysis System) 1989-Oct 1989	May



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Krishna Mohan

SUMMARY

Extensive experience designing, implementing, and administering e-business solutions in both Sun Solaris and Windows NT environments.

Designed and developed content management, e-commerce, and financial applications using various technologies to meet technical and business requirements. data warehousing concepts.

Proven ability to analyze and define project requirements and identify viable solutions within both the technical and business aspects of the project.

Experience developing detailed project plans and managing diverse development teams for enterprise projects.

Experience in Internet and Distributed Computing that includes Vignette, JSP, EJB, SERVLETS, ASP, VB and Web Technologies, Databases (Oracle, Sybase and SQL Server).

Extensive experience in Vignette 5.6/5.5/5.0/6.0 (JSP, EJB, SERVLETS, ASP, VB, JavaScript, DHTML, TCL and XML) Internet applications on IIS 4.0, 5.0.

EDUCATION & CERTIFICATION

Bachelors in Computer Science, Madras University, India

Vignette Certified Developer (V/5 Series) & Microsoft Certified Programmer in Visual Basic

TECHNICAL SKILLS

Programming Experience: JSP/Java, ASP, Tcl, XML, Javascript, HTML, SQL

Software Experience: Vignette e-Business Platform, Oracle 8i Database Server, Microsoft SQL Server 7.0, Sybase Database Server, DB2 Database, iPlanet Web Server, Microsoft IIS Web Server, Apache Web Server, BEA Web Logic Application Server, IBM Web Sphere Application Server

Operating System Experience: Sun Solaris, Microsoft Windows NT, IBM AIX

PROFESSIONAL EXPERIENCES

American Express, Phoenix, Arizona State, US
Technical Leader (Vignette Development Team)

May 2000 - Present

Description: Release 5.0 is primarily migration from StoryServer 5.02 to V6 (V/6 Series) and fixing the related problems. Additional feature is integration with FMAC. Also explored the internationalization features of V6 are added to the SIF tool. **Role & Contribution:** As a Team Leader I have involved in the Design analysis and Delegation of work among team member and resolving and escalating the issues, which are beyond the scope of team members and setting up the environment in Development according to the production specification.

Setting up & configuring the Production Replica Environment in Development site. Dealing with Production Issues & meeting with Business Clients for their new Requirements and Analysis and Time Estimation of tasks.

Interacting with offshore resources and delegating the tasks to Offshore.

Taking a Back-up of the Code and keeping a manual version control. Migration to the V6 involved extensive testing and fixing of problems relating to deprecation / change of certain features.

Issues with CMA for changing the existing content data into the Internationalization Format. Changes made to TCL Procedures. Re-Design and Developed a Personalized Component for a Secured Pages.



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Created Bean to get personalized data for an DRCS Component Dynamically. Created an Entity Bean, which takes the data from the Business Users for GNS Secure Website Pages and inserted the record into database. Integration of SSL (Secured Socket Layer) to webserver. Modification to Site Wide Admin Project Creation. Providing the functionality of the security at the project level by implementing the Security Levels, Authorization Type and SSO Policy names. Involved in Integration, Security, Testing and Transferring project (code) to different Stages.

Environment: SUN SOLARIS 2.6, BEA WEBLOGIC APPLICATION SERVER, Vignette 6.0, TCL/TK, Sybase Database 11.5, XML, Dhtml, HTML, Java Script.

**American Express, Phoenix, Arizona State, US
May 2000
Team Lead (Vignette Development Team)**

February 2000 -

Description: Status Tracking and Reporting (STARz) Utility to manage their content related issues. AMEX has over 90 websites and around fifty thousand web pages. Role & Contribution: Team leader & Core Developer for this project, collaborated with the project team, designed our part of project, developed and implemented different Algorithms, developed core portions of application in JSP & TCL and integrated it with the existing application.

Created JSP Template to capture / display the Business Author/Consultant/Admin Registration. Implemented EwebEditPro to provide WYSIWYG Interface. Developed EntityBean to display the reports at consultant level which will facilitate the Consultant to keep track of his efforts on each request at different levels.

Created JSP Template to capture / display the Business User Request. Created JSP code to capture the Training Registration details. Business Users can enroll training sessions on specific date and time. Implemented workflow for the User Request through JSP CMS API's. JavaScript was used to validate the fields and store the User information in a DOM Structured Model. Used JDBC to connect the application to the database.

Applied Normalization techniques for designing the Database

Created Stored Procedures and was Involved in Testing and Documentation

Environment: SOLARIS, Vignette 5.6, TCL/TK, Sybase Database 11.5, XML, iPlanet, Java Script.

**American Express, Phoenix, Arizona State, US
February 2000**

May 1999 -

Module Leader (Vignette Development Team): Description: Standard Implementation Framework is a tool developed for American Express (AMEX) to manage their content for their websites using Vignette StoryServer. Role & Contribution: Module leader & Core Developer for this project, collaborated with the project team, designed our part of project, developed and implemented different Algorithms, developed core portions of application in TCL and integrated it with the existing application.

Involved in design and development of LGS. Implementations of tasks like Site Wide Admin Creation it includes workflow, Users and Groups.



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Implementation of Login Screen for the Users. Workflow creation for the Page Layout. Generator and Component Layout Generator. Implementation of Project Admin Functionality. FMAC is the part of SIF for AMEX. Involved in the design and development of FMAC. Implementations of the tasks like Global Variable List and Search for the Items and Components. Involved in the Integration and Testing of the FMAC module under CMA and CDA Environment.

Environment: Windows NT, StoryServer 5.0, TCL/TK, Sybase Database 11.5, XML, Dhtml, HTML, Java Script.

American Express

January 1998 - April

1999

Team Leader (Vignette Development Team)

Description: Standard Implementation Framework is a tool developed for American Express (AMEX) to manage their content for their websites using Vignette StoryServer. Role & Contribution: As a Core Developer for this project, developed and implemented different Algorithms, developed core portions of application in TCL and integrated it with the existing application.

Environment: Windows NT, StoryServer 4.2, MS-SQL Server, XML, Dhtml, HTML, Java Script

Yukthi Software & Technologies Pvt. Ltd., Hyderabad

February 1997- December

1997

Software Developer

Description: This Site provides valuable, qualitative and up to date information of Construction Infrastructure through an ideal platform to reach global reader. It is designed to focus on, in and out of Construction industry. This site includes state of art of the construction industry covering architectural, structural, infrastructure, real estate, services, urban planning, project management, legal software application and related information.

Environment: Windows NT, JDK1.2.2, JDBC, Servlets, JSP, Java Script, HTML, Oracle 7.3

Linux Softech Inc US (Commercial Product), India

February 1995 –

January 1997

Software Developer

Description: It's a web Based Product, which provides services, to Customer by the vendor with in less time. It is used for reporting the problem by customer to the vendor and thereby sending back remedy from vendor to customer. It consists of two modules.

Environment: Windows NT, Oracle, HTML, Java Script, Servlets



ATTACHMENT B
EXAMPLES OF POOR PERFORMANCE



EXAMPLES OF POOR PERFORMANCE

The examples given apply to contract awarded on a time and materials or fixed price basis unless otherwise indicated. Poor Performance includes but is not limited to the following examples. Poor Performance may raise to the level of a material breach that may result in cancellation of the Primary Contract and/or any Work Contract.

1. Failure to meet a due date and/or an acceptable deliverable:
 - a. Missed due date but deliverable satisfactory when delivered;
 - b. Made the due date but the deliverable was unacceptable; or
 - c. Both missed due date and deliverable when submitted was unacceptable.
2. Failure to provide staff qualified to perform the work.
3. Failure to be responsive to Second Tier RFPs:
 - a. Cumulative failure to submit responsive proposals.
 - b. Cumulative failure to be awarded contracts.
4. Failure by firm's management to be responsive to identified performance issues. (As identified by a Letter to Cure)
5. Failure to perform as specified by contractual terms agreed to by signing original contract, e.g. breach of confidentiality of data.
6. Failure to promptly correct (as detailed in a letter to Cure) deficiencies identified by the State in a deliverable or in the performance of a task.



ATTACHMENT C

PRICING



Category 5: Product Development Services
Section III -F – Cost Proposal

The State of Michigan Department of Information Technology will receive immediate access to competitive pricing on the Information Technology services as requested in the RFP. The following not-to-exceed rates are proposed to the State of Michigan Department of Information Technology in support of its effort to prequalify vendors to provide high quality information technology services. In preparing our response and pricing, Systems Technology Group Inc. carefully considered the breadth of the skills requested in each of the categories, and offers not-to-exceed rates that encompass the large spectrum of skills requested per category. Systems Technology Group Inc. looks forward to offering the State of Michigan market competitive pricing for specific skill sets as defined during the Tier II Work Statement Process.

Service Categories	Junior	Journey	Senior	Expert	Project Manager	Average Hourly Rate
Project Development Services	\$25.00/hr	\$45.00/hr	\$68.00/hr	\$85.00/hr	\$110.00/hr	\$66.00/hr



EXHIBIT A

TIER 2 WORK REQUEST PROCESS

(Sample Format Attached)

EXHIBIT "A" - SECOND TIER WORK REQUEST PROCESS

Once the IT Services Contract Program Primary Contract Vendor List (PAVL) has been established, DIT will use the PAVL to administer the second phase of the process, referred to as the Second Tier **Work Request** Process, on behalf of DIT. DIT Personnel in need of IT Services will have access to information on qualified vendors, by category, via Primary Contracts. DIT will identify their requirements using the WORK REQUEST TEMPLATE found in this Exhibit for one of the five service categories.

All vendors (within the appropriate service category) will be notified of the WORK REQUEST. The WORK REQUEST will contain a Statement of Work, proposed method of compensation (fixed price or time and materials), the period of performance and any special terms to the work contract. The vendors' responses to the WORK REQUEST will be evaluated based upon a set of criteria pre-established by the user agency specifications.

Second Tier Work Request Process

1. DIT receives Second Tier Work Request Process procedural training.
2. DIT accesses Acquisition Services Second Tier information, including category information, information on qualified vendors and the contracting process.
3. DIT ensures that WORK REQUEST contains measurable minimum qualifications based deliverables.
4. DIT performs Portfolio Risk/Severity assessment to determine appropriate approval levels
5. DIT emails WORK REQUEST to all vendors.
6. Vendors submit WORK REQUEST responses (response to statement of work, resume(s) and proposal) to DIT within specified time.
7. DIT conducts evaluation/checks references/interviews, negotiates and executes IT Work Contract with Contractor.
8. Vendor bills DIT for services that have been provided according to terms of Primary Contract and Work Contract.
9. DIT tracks Work Contract purchases against each Primary Contract and provides (quarterly) usage report to Acquisition Services.
10. DIT completes vendor performance "report card" and forwards copy to Acquisition Services.
11. Acquisition Services records and tracks vendor performance.

Method of Compensation

In each WORK REQUEST, DIT will select or propose a method of compensation that it believes to be in the agency's best interests and /or most reasonable and feasible based on the circumstances under which the services are to be provided. Generally, contracts/work contracts, time and material factors such as the nature of the tasks to be performed, the duration of the project, the expected work products/deliverables, etc., will be taken into consideration in proposing and determining the appropriate method of compensation. In addition, in certain cases, use of performance measures and/or incentives to improve work performance and ensure timely completion of projects may be included.

Information Technology Services Work Request

This Work Request is issued under your Contract with the Department of Management & Budget, Acquisition Services (DMB), as established as a result of Request For Proposals # 0711200xxxx.

Project Name:

Date Issued:

Respond By:

Category of Service Requested

- Data Warehouse
- Security
- Business requirements/needs assessment/system design/quality assurance
- Strategic and Architectural Technology advice
- Project Development Services

Required Skill Category Requested

- Junior** – a minimum of one (1) year of recent experience and demonstrated knowledge, skills and abilities
- Journey** – a minimum of three (3) years of recent experience and demonstrated journey level knowledge skills, and abilities
- Senior** – a minimum of five (5) years of recent experience, and demonstrated superior knowledge, skills, and abilities
- Expert** – a minimum of ten (10) years of increasing levels of responsibilities, and supervisory or management responsibility
- Project Manager** – Expert skills plus a minimum of three (3) years of recent experience in managing projects

Expected Work Period

(start date) through (end date)

Project Background/History

Project Scope of Work

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Project Deliverables

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Other Factors for this Work Request
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AGENCY Project Manager Information

AGENCY Project Manager:			
Title:			
Phone:		Email:	
		Fax:	